

November 23, 2005

Fluid Minerals Group
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
HCU 8-29F

Surface Location: 2,593' FSL & 675' FEL, NE/4 SE/4,
Target Location: 1,700' FNL & 700' FEL, SE/4 NE/4,
Section 29, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group;

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the Application for Permit to Drill (APD) for the above referenced tribal directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

- Exhibit "A" - Survey plats, layouts and photos of the proposed well site;
- Exhibit "B" - Proposed location maps with access and utility corridors;
- Exhibit "C" - Production site layout;
- Exhibit "D" - Drilling Plan;
- Exhibit "E" - Surface Use Plan;
- Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining
Bucky Secakuku, BIA—Uintah & Ouray Agency
Carla Christian, Dominion

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DIV. OF OIL, GAS & MINING

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-28203
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. HCU 8-29F
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-37#27
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 2,593' FSL & 675' FEL, NE/4 SE/4, At proposed prod. zone 1,700' FNL & 700' FEL, SE/4 NE/4,		10. Field and Pool, or Exploratory Natural Buttes
11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T10S, R20E, SLB&M		12. County or Parish Uintah
13. State UT		
14. Distance in miles and direction from nearest town or post office* 11.77 miles south of Ouray, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 2,593'	16. No. of acres in lease 1,600 acres
17. Spacing Unit dedicated to this well 40 acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,150' (8,293' MD)
20. BLM/BIA Bond No. on file 76S 63050 0330	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,136' GR	22. Approximate date work will start* 03/15/2006
23. Estimated duration 14 days	24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Don Hamilton	Name (Printed/Typed) Don Hamilton	Date 11/23/2005
Title Agent for Dominion		
Approved by (Signature) Bradley G. Hill	Name (Printed/Typed) BRADLEY G. HILL	Date 11-29-05
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Surf

612734X

4419283Y

39.918037

-109.680935

Federal Approval of this
Action is Necessary

BHL

612715X

4419590Y

39.920808

-109.681102

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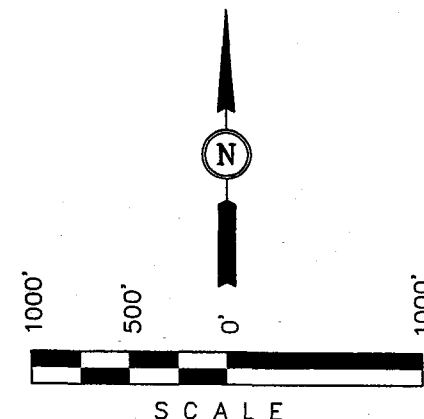
T10S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, HCU #8-29F, located as shown in the NE 1/4 SE 1/4 of Section 29, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

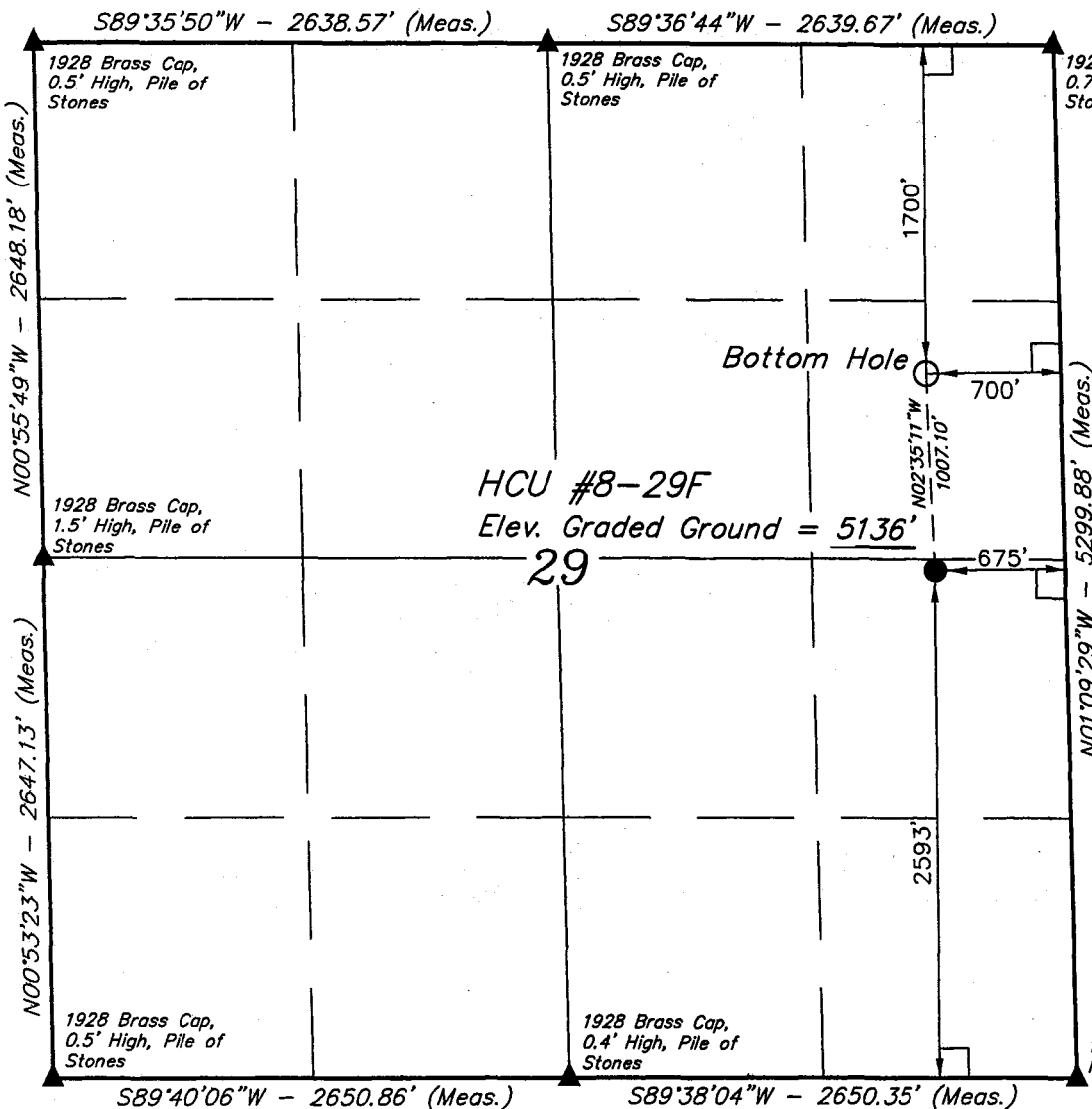
SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 11318
 STATE OF UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
 LATITUDE = 39°55'04.98" (39.918050)
 LONGITUDE = 109°40'53.86" (109.681628)
 (NAD 27)
 LATITUDE = 39°55'05.11" (39.918086)
 LONGITUDE = 109°40'51.37" (109.680936)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-31-05	DATE DRAWN: 2-1-05
PARTY J.W. S.W. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE DOMINION EXPLR. & PROD., INC.	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 8-29F
SHL: 2593' FSL & 675' FEL Section 29-10S-20E
BHL: 1700' FNL & 700' FEL Section 29-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,895'
Uteland Limestone	4,255'
Wasatch	4,400'
Chapita Wells	5,305'
Uteland Buttes	6,475'
Mesaverde	7,315'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,895'	Oil
Uteland Limestone	4,255'	Oil
Wasatch	4,400'	Gas
Chapita Wells	5,305'	Gas
Uteland Buttes	6,475'	Gas
Mesaverde	7,315'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,150'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2,800' - 8,150'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,150'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,150'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: March 15, 2006
Duration: 14 Days

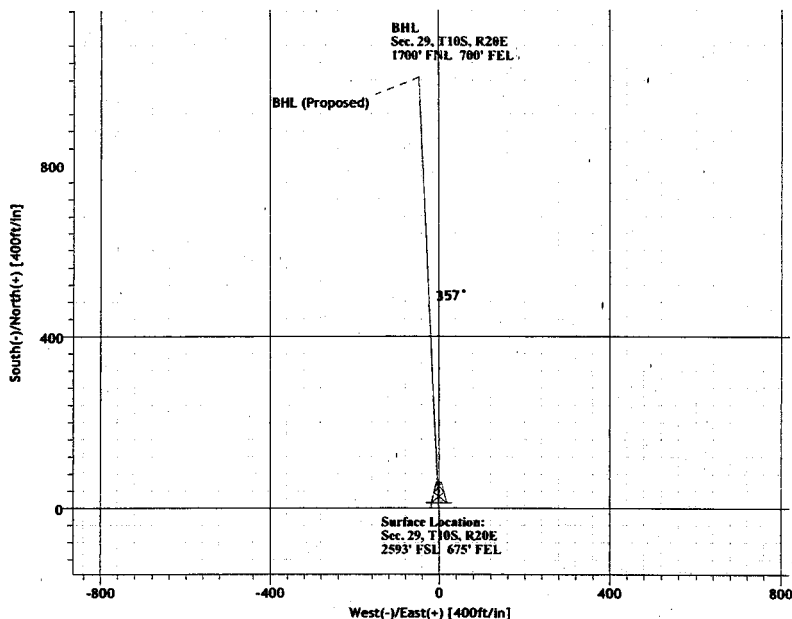
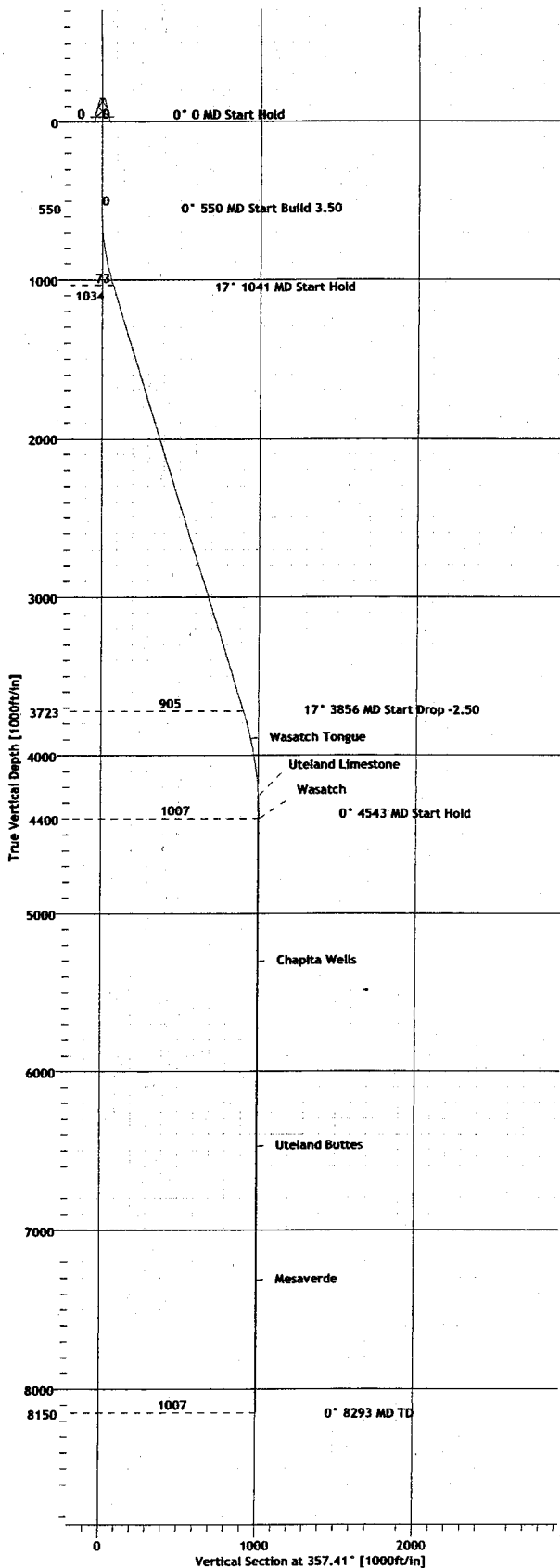
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Plan #1

Dominion E & P

Well: HCU 8-29F
Field: Hill Creek Unit
Uintah Co. Utah
Sec. 29, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	357.41	550.00	0.00	0.00	0.00	357.41	0.00	
3	1041.01	17.19	357.41	1033.68	73.01	-3.30	3.50	357.41	73.09	
4	3855.84	17.19	357.41	3722.84	903.85	-40.83	0.00	0.00	904.77	
5	4543.26	0.00	357.41	4400.00	1006.07	-45.45	2.50	180.00	1007.10	
6	8293.26	0.00	357.41	8150.00	1006.07	-45.45	0.00	357.41	1007.10	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 8-29F	0.00	0.00	7144071.76	2150383.88	39°55'04.980N	109°40'53.860W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3895.00	4034.08	Wasatch Tongue
2	4255.00	4398.17	Uteland Limestone
3	4400.00	4543.26	Wasatch
4	5305.00	5448.26	Chapita Wells
5	6475.00	6618.26	Uteland Buttes
6	7315.00	7458.26	Mesaverde

WELLPATH DETAILS

Rig:			
Ref. Datum:	est.KB @ 5155'		0.00ft
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
357.41°	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 8-29F, True North
Vertical (TVD) Reference: est.KB @ 5155' 0.00
Section (VS) Reference: Site Centre (0.00N,0.00E)
Measured Depth Reference: est.KB @ 5155' 0.00
Calculation Method: Minimum Curvature



Azimuths to True North
Magnetic North: 11.85°

Magnetic Field
Strength: 52868nT
Dip Angle: 65.91°
Date: 11/14/2005
Model: igr2005

FIELD DETAILS

Natural Buttes Field
Uintah County, Utah
USA
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

HCU 8-29F
Hill Creek Unit
Sec. 29, T10S, R20E
Site Centre Latitude: 39°55'04.980N
Longitude: 109°40'53.860W
Ground Level: 5136.00
Positional Uncertainty: 0.00
Convergence: 1.16

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Dominion

Ryan Energy Technologies

Planning Report



Ryan

Company: Dominion E & P	Date: 11/14/2005	Time: 08:22:04	Page: 1
Field: Natural Buttes Field	Co-ordinate(NE) Reference: HCU 8-29F, True North		
Site: HCU 8-29F	Vertical (TVD) Reference: est.KB @ 5155' 0.0		
Well: HCU 8-29F	Section (VS) Reference: Site (0.00N,0.00E,357.41Azi)		
Wellpath: 1	Plan:	Plan #1	

Field: Natural Buttes Field Uintah County, Utah USA	Map Zone: Utah, Central Zone
Map System: US State Plane Coordinate System 1983	Coordinate System: Site Centre
Geo Datum: GRS 1980	Geomagnetic Model: igrf2005
Sys Datum: Mean Sea Level	

Site: HCU 8-29F Hill Creek Unit Sec. 29, T10S, R20E	Slot Name:
Site Position:	North: 7144071.76 ft Latitude: 39 55 4.980 N
From: Geographic	East: 2150383.88 ft Longitude: 109 40 53.860 W
Position Uncertainty: 0.00 ft	North Reference: True
Ground Level: 5136.00 ft	Grid Convergence: 1.16 deg

Well: HCU 8-29F	Slot Name:
Surface Position: +N/-S 0.00 ft North: 7144071.76 ft Latitude: 39 55 4.980 N	
+E/-W 0.00 ft East: 2150383.88 ft Longitude: 109 40 53.860 W	
Position Uncertainty: 0.00 ft	
Reference Point: +N/-S 0.00 ft North: 7144071.76 ft Latitude: 39 55 4.980 N	
+E/-W 0.00 ft East: 2150383.88 ft Longitude: 109 40 53.860 W	
Measured Depth: 0.00 ft	Inclination: 0.00 deg
Vertical Depth: 0.00 ft	Azimuth: 0.00 deg

Wellpath: 1	Drilled From: Well Ref. Point
Current Datum: est.KB @ 5155'	Tie-on Depth: 0.00 ft
Magnetic Data: 11/14/2005	Above System Datum: Mean Sea Level
Field Strength: 52868 nT	Declination: 11.85 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.91 deg
ft	+N/-S Direction
	ft deg
0.00	0.00 0.00 357.41

Plan: Plan #1	Date Composed: 11/14/2005
Principal: Yes	Version: 1
	Tied-to: From Well Ref. Point

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	357.41	550.00	0.00	0.00	0.00	0.00	0.00	357.41	
1041.01	17.19	357.41	1033.68	73.01	-3.30	3.50	3.50	0.00	357.41	
3855.84	17.19	357.41	3722.84	903.85	-40.83	0.00	0.00	0.00	0.00	
4543.26	0.00	357.41	4400.00	1006.07	-45.45	2.50	-2.50	0.00	180.00	
8293.26	0.00	357.41	8150.00	1006.07	-45.45	0.00	0.00	0.00	357.41	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	357.41	100.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41
200.00	0.00	357.41	200.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41
300.00	0.00	357.41	300.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41
400.00	0.00	357.41	400.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41
500.00	0.00	357.41	500.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41
550.00	0.00	357.41	550.00	0.00	0.00	0.00	0.00	0.00	0.00	357.41

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.75	357.41	599.99	0.76	-0.03	0.76	3.50	3.50	0.00	0.00
700.00	5.25	357.41	699.79	6.86	-0.31	6.87	3.50	3.50	0.00	0.00

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**Dominion**

Ryan Energy Technologies

Planning Report

**Ryan**

Company: Dominion E & P
 Field: Natural Buttes Field
 Site: HCU 8-29F
 Well: HCU 8-29F
 Wellpath: 1

Date: 11/14/2005 Time: 08:22:04
 Co-ordinate(NE) Reference: HCU 8-29F, True North
 Vertical (TVD) Reference: KB @ 5155' 0.0
 Section (VS) Reference: Site (0.00N,0.00E,357.41Azi)
 Plan: Plan #1

Page: 2

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	357.41	799.03	19.03	-0.86	19.05	3.50	3.50	0.00	0.00
900.00	12.25	357.41	897.34	37.24	-1.68	37.27	3.50	3.50	0.00	0.00
1000.00	15.75	357.41	994.35	61.40	-2.77	61.46	3.50	3.50	0.00	0.00
1041.01	17.19	357.41	1033.68	73.01	-3.30	73.09	3.50	3.50	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1100.00	17.19	357.41	1090.04	90.42	-4.08	90.52	0.00	0.00	0.00	0.00
1200.00	17.19	357.41	1185.57	119.94	-5.42	120.06	0.00	0.00	0.00	0.00
1300.00	17.19	357.41	1281.11	149.46	-6.75	149.61	0.00	0.00	0.00	0.00
1400.00	17.19	357.41	1376.64	178.97	-8.09	179.16	0.00	0.00	0.00	0.00
1500.00	17.19	357.41	1472.18	208.49	-9.42	208.70	0.00	0.00	0.00	0.00
1600.00	17.19	357.41	1567.71	238.01	-10.75	238.25	0.00	0.00	0.00	0.00
1700.00	17.19	357.41	1663.25	267.52	-12.09	267.80	0.00	0.00	0.00	0.00
1800.00	17.19	357.41	1758.78	297.04	-13.42	297.34	0.00	0.00	0.00	0.00
1900.00	17.19	357.41	1854.32	326.56	-14.75	326.89	0.00	0.00	0.00	0.00
2000.00	17.19	357.41	1949.86	356.07	-16.09	356.44	0.00	0.00	0.00	0.00
2100.00	17.19	357.41	2045.39	385.59	-17.42	385.98	0.00	0.00	0.00	0.00
2200.00	17.19	357.41	2140.93	415.10	-18.75	415.53	0.00	0.00	0.00	0.00
2300.00	17.19	357.41	2236.46	444.62	-20.09	445.07	0.00	0.00	0.00	0.00
2400.00	17.19	357.41	2332.00	474.14	-21.42	474.62	0.00	0.00	0.00	0.00
2500.00	17.19	357.41	2427.53	503.65	-22.75	504.17	0.00	0.00	0.00	0.00
2600.00	17.19	357.41	2523.07	533.17	-24.09	533.71	0.00	0.00	0.00	0.00
2700.00	17.19	357.41	2618.60	562.69	-25.42	563.26	0.00	0.00	0.00	0.00
2800.00	17.19	357.41	2714.14	592.20	-26.75	592.81	0.00	0.00	0.00	0.00
2900.00	17.19	357.41	2809.67	621.72	-28.09	622.35	0.00	0.00	0.00	0.00
3000.00	17.19	357.41	2905.21	651.24	-29.42	651.90	0.00	0.00	0.00	0.00
3100.00	17.19	357.41	3000.74	680.75	-30.75	681.45	0.00	0.00	0.00	0.00
3200.00	17.19	357.41	3096.28	710.27	-32.09	710.99	0.00	0.00	0.00	0.00
3300.00	17.19	357.41	3191.81	739.79	-33.42	740.54	0.00	0.00	0.00	0.00
3400.00	17.19	357.41	3287.35	769.30	-34.75	770.09	0.00	0.00	0.00	0.00
3500.00	17.19	357.41	3382.89	798.82	-36.09	799.63	0.00	0.00	0.00	0.00
3600.00	17.19	357.41	3478.42	828.34	-37.42	829.18	0.00	0.00	0.00	0.00
3700.00	17.19	357.41	3573.96	857.85	-38.75	858.73	0.00	0.00	0.00	0.00
3800.00	17.19	357.41	3669.49	887.37	-40.09	888.27	0.00	0.00	0.00	0.00
3855.84	17.19	357.41	3722.84	903.85	-40.83	904.77	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3900.00	16.08	357.41	3765.15	916.48	-41.40	917.41	2.50	-2.50	0.00	180.00
4000.00	13.58	357.41	3861.81	942.05	-42.56	943.01	2.50	-2.50	0.00	180.00
4034.08	12.73	357.41	3895.00	949.80	-42.91	950.77	2.50	-2.50	0.00	-180.00
4100.00	11.08	357.41	3959.50	963.38	-43.52	964.36	2.50	-2.50	0.00	180.00
4200.00	8.58	357.41	4058.02	980.44	-44.29	981.44	2.50	-2.50	0.00	180.00
4300.00	6.08	357.41	4157.19	993.18	-44.87	994.20	2.50	-2.50	0.00	180.00
4398.17	3.63	357.41	4255.00	1001.48	-45.24	1002.50	2.50	-2.50	0.00	180.00
4400.00	3.58	357.41	4256.83	1001.60	-45.25	1002.62	2.50	-2.50	0.00	180.00
4500.00	1.08	357.41	4356.74	1005.66	-45.43	1006.69	2.50	-2.50	0.00	180.00
4543.26	0.00	357.41	4400.00	1006.07	-45.45	1007.10	2.50	-2.50	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4600.00	0.00	357.41	4456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
4700.00	0.00	357.41	4556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
4800.00	0.00	357.41	4656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
4900.00	0.00	357.41	4756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5000.00	0.00	357.41	4856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5100.00	0.00	357.41	4956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41

CONFIDENTIAL



Dominion

Ryan Energy Technologies

Planning Report



Ryan

Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 8-29F
Well: HCU 8-29F
Wellpath: 1

Date: 11/14/2005 Time: 08:22:04
Co-ordinate(NE) Reference: HCU 8-29F, True North
Vertical (TVD) Reference: KB @ 5155' 0.0
Section (VS) Reference: Site (0.00N,0.00E,357.41Azi)
Plan: Plan #1

Page: 3

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	IFO deg
5200.00	0.00	357.41	5056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5300.00	0.00	357.41	5156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5400.00	0.00	357.41	5256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5448.26	0.00	357.41	5305.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5500.00	0.00	357.41	5356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5600.00	0.00	357.41	5456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5700.00	0.00	357.41	5556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5800.00	0.00	357.41	5656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
5900.00	0.00	357.41	5756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6000.00	0.00	357.41	5856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6100.00	0.00	357.41	5956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6200.00	0.00	357.41	6056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6300.00	0.00	357.41	6156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6400.00	0.00	357.41	6256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6500.00	0.00	357.41	6356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6600.00	0.00	357.41	6456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6618.26	0.00	357.41	6475.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6700.00	0.00	357.41	6556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6800.00	0.00	357.41	6656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
6900.00	0.00	357.41	6756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7000.00	0.00	357.41	6856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7100.00	0.00	357.41	6956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7200.00	0.00	357.41	7056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7300.00	0.00	357.41	7156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7400.00	0.00	357.41	7256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7458.26	0.00	357.41	7315.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7500.00	0.00	357.41	7356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7600.00	0.00	357.41	7456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7700.00	0.00	357.41	7556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7800.00	0.00	357.41	7656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
7900.00	0.00	357.41	7756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
8000.00	0.00	357.41	7856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
8100.00	0.00	357.41	7956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
8200.00	0.00	357.41	8056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41
8293.26	0.00	357.41	8150.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	357.41

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	357.41	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	357.41	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	357.41	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	357.41	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	357.41	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	357.41	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	357.41	599.99	0.76	-0.03	0.76	3.50	3.50	0.00	
700.00	5.25	357.41	699.79	6.86	-0.31	6.87	3.50	3.50	0.00	
800.00	8.75	357.41	799.03	19.03	-0.86	19.05	3.50	3.50	0.00	
900.00	12.25	357.41	897.34	37.24	-1.68	37.27	3.50	3.50	0.00	
1000.00	15.75	357.41	994.35	61.40	-2.77	61.46	3.50	3.50	0.00	
1041.01	17.19	357.41	1033.68	73.01	-3.30	73.09	3.50	3.50	0.00	
1100.00	17.19	357.41	1090.04	90.42	-4.08	90.52	0.00	0.00	0.00	
1200.00	17.19	357.41	1185.57	119.94	-5.42	120.06	0.00	0.00	0.00	
1300.00	17.19	357.41	1281.11	149.46	-6.75	149.61	0.00	0.00	0.00	
1400.00	17.19	357.41	1376.64	178.97	-8.09	179.16	0.00	0.00	0.00	
1500.00	17.19	357.41	1472.18	208.49	-9.42	208.70	0.00	0.00	0.00	
1600.00	17.19	357.41	1567.71	238.01	-10.75	238.25	0.00	0.00	0.00	
1700.00	17.19	357.41	1663.25	267.52	-12.09	267.80	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 8-29F
Well: HCU 8-29F
Wellpath: 1

Date: 11/14/2005 Time: 08:22:04
Co-ordinate(NE) Reference: HCU 8-29F, True North
Vertical (TVD) Reference: KB @ 5155' 0.0
Section (VS) Reference: Site (0.00N,0.00E,357.41Azi)
Plan: Plan #1

Page: 4

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1800.00	17.19	357.41	1758.78	297.04	-13.42	297.34	0.00	0.00	0.00	
1900.00	17.19	357.41	1854.32	326.56	-14.75	326.89	0.00	0.00	0.00	
2000.00	17.19	357.41	1949.86	356.07	-16.09	356.44	0.00	0.00	0.00	
2100.00	17.19	357.41	2045.39	385.59	-17.42	385.98	0.00	0.00	0.00	
2200.00	17.19	357.41	2140.93	415.10	-18.75	415.53	0.00	0.00	0.00	
2300.00	17.19	357.41	2236.46	444.62	-20.09	445.07	0.00	0.00	0.00	
2400.00	17.19	357.41	2332.00	474.14	-21.42	474.62	0.00	0.00	0.00	
2500.00	17.19	357.41	2427.53	503.65	-22.75	504.17	0.00	0.00	0.00	
2600.00	17.19	357.41	2523.07	533.17	-24.09	533.71	0.00	0.00	0.00	
2700.00	17.19	357.41	2618.60	562.69	-25.42	563.26	0.00	0.00	0.00	
2800.00	17.19	357.41	2714.14	592.20	-26.75	592.81	0.00	0.00	0.00	
2900.00	17.19	357.41	2809.67	621.72	-28.09	622.35	0.00	0.00	0.00	
3000.00	17.19	357.41	2905.21	651.24	-29.42	651.90	0.00	0.00	0.00	
3100.00	17.19	357.41	3000.74	680.75	-30.75	681.45	0.00	0.00	0.00	
3200.00	17.19	357.41	3096.28	710.27	-32.09	710.99	0.00	0.00	0.00	
3300.00	17.19	357.41	3191.81	739.79	-33.42	740.54	0.00	0.00	0.00	
3400.00	17.19	357.41	3287.35	769.30	-34.75	770.09	0.00	0.00	0.00	
3500.00	17.19	357.41	3382.89	798.82	-36.09	799.63	0.00	0.00	0.00	
3600.00	17.19	357.41	3478.42	828.34	-37.42	829.18	0.00	0.00	0.00	
3700.00	17.19	357.41	3573.96	857.85	-38.75	858.73	0.00	0.00	0.00	
3800.00	17.19	357.41	3669.49	887.37	-40.09	888.27	0.00	0.00	0.00	
3855.84	17.19	357.41	3722.84	903.85	-40.83	904.77	0.00	0.00	0.00	
3900.00	16.08	357.41	3765.15	916.48	-41.40	917.41	2.50	-2.50	0.00	
4000.00	13.58	357.41	3861.81	942.05	-42.56	943.01	2.50	-2.50	0.00	
4034.08	12.73	357.41	3895.00	949.80	-42.91	950.77	2.50	-2.50	0.00	Wasatch Tongue
4100.00	11.08	357.41	3959.50	963.38	-43.52	964.36	2.50	-2.50	0.00	
4200.00	8.58	357.41	4058.02	980.44	-44.29	981.44	2.50	-2.50	0.00	
4300.00	6.08	357.41	4157.19	993.18	-44.87	994.20	2.50	-2.50	0.00	
4398.17	3.63	357.41	4255.00	1001.48	-45.24	1002.50	2.50	-2.50	0.00	Uteland Limestone
4400.00	3.58	357.41	4256.83	1001.60	-45.25	1002.62	2.50	-2.50	0.00	
4500.00	1.08	357.41	4356.74	1005.66	-45.43	1006.69	2.50	-2.50	0.00	
4543.26	0.00	357.41	4400.00	1006.07	-45.45	1007.10	2.50	-2.50	0.00	Wasatch
4600.00	0.00	357.41	4456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4700.00	0.00	357.41	4556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4800.00	0.00	357.41	4656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4900.00	0.00	357.41	4756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5000.00	0.00	357.41	4856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5100.00	0.00	357.41	4956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5200.00	0.00	357.41	5056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5300.00	0.00	357.41	5156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5400.00	0.00	357.41	5256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5448.26	0.00	357.41	5305.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Chapita Wells
5500.00	0.00	357.41	5356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5600.00	0.00	357.41	5456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5700.00	0.00	357.41	5556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5800.00	0.00	357.41	5656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5900.00	0.00	357.41	5756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6000.00	0.00	357.41	5856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6100.00	0.00	357.41	5956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6200.00	0.00	357.41	6056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6300.00	0.00	357.41	6156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6400.00	0.00	357.41	6256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6500.00	0.00	357.41	6356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6600.00	0.00	357.41	6456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 8-29F
Well: HCU 8-29F
Wellpath: 1

Date: 11/14/2005 Time: 08:22:04
Co-ordinate(NE) Reference: HCU 8-29F, True North
Vertical (TVD) Reference: KB @ 5155' 0.0
Section (VS) Reference: Site (0.00N,0.00E,357.41Azi)
Plan: Plan #1

Page: 5

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6618.26	0.00	357.41	6475.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Uteland Buttes
6700.00	0.00	357.41	6556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6800.00	0.00	357.41	6656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6900.00	0.00	357.41	6756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7000.00	0.00	357.41	6856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7100.00	0.00	357.41	6956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7200.00	0.00	357.41	7056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7300.00	0.00	357.41	7156.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7400.00	0.00	357.41	7256.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7458.26	0.00	357.41	7315.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Mesaverde
7500.00	0.00	357.41	7356.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7600.00	0.00	357.41	7456.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7700.00	0.00	357.41	7556.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7800.00	0.00	357.41	7656.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7900.00	0.00	357.41	7756.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8000.00	0.00	357.41	7856.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8100.00	0.00	357.41	7956.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8200.00	0.00	357.41	8056.74	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8293.26	0.00	357.41	8150.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	BHL (Proposed)

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4034.08	3895.00	Wasatch Tongue		0.00	0.00
4398.17	4255.00	Uteland Limestone		0.00	0.00
4543.26	4400.00	Wasatch		0.00	0.00
5448.26	5305.00	Chapita Wells		0.00	0.00
6618.26	6475.00	Uteland Buttes		0.00	0.00
7458.26	7315.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
550.00	550.00	KOP
8293.26	8150.00	BHL (Proposed)

CONFIDENTIAL

SURFACE USE PLAN
CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 8-29F
SHL: 2593' FSL & 675' FEL Section 29-10S-20E
BHL: 1700' FNL & 700' FEL Section 29-10S-20E
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The tribal onsite inspection for the referenced well was conducted on Monday, September 19, 2005 at approximately 4:15 pm. In attendance at the onsite inspection were the following individuals:

Dustin Nephi	Technician	Ute Indian Tribe-Energy & Minerals
Nicole Mortensen	Environmental Protection Spec.	Uintah & Ouray Agency - BIA
Jim Ashley	Petroleum Engineer	Uintah & Ouray Agency - BIA
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management - Vernal
Ken Secrest	Field Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jason Robins	Surveyor Helper	Uintah Engineering and Land Surveying
Grizz Oleen	Biologist	Buys & Associates, Inc.
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 11.77 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.
- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. The HCU 8-29F utilizes the existing access to the HCU 12-28F in its entirety. No new access road is proposed with this application.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- b. The HCU 8-29F utilizes the existing pipeline that presently services the HCU 12-28F in its entirety. No new pipeline is proposed with this application.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northwest.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the Ute Tribe will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.

- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 11-23-05

DOMINION EXPLR. & PROD., INC.

HCU # 8-29F

SECTION 29, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.0 MILES.

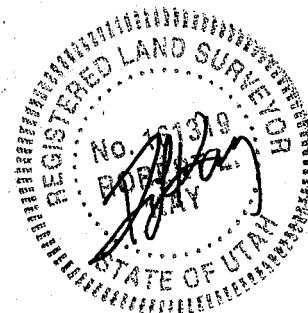
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #8-29F

SECTION 29, T10S, R20E, S.L.B.&M.

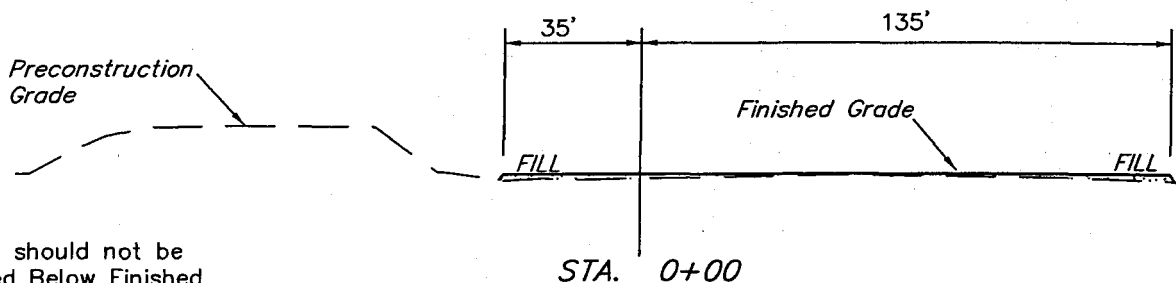
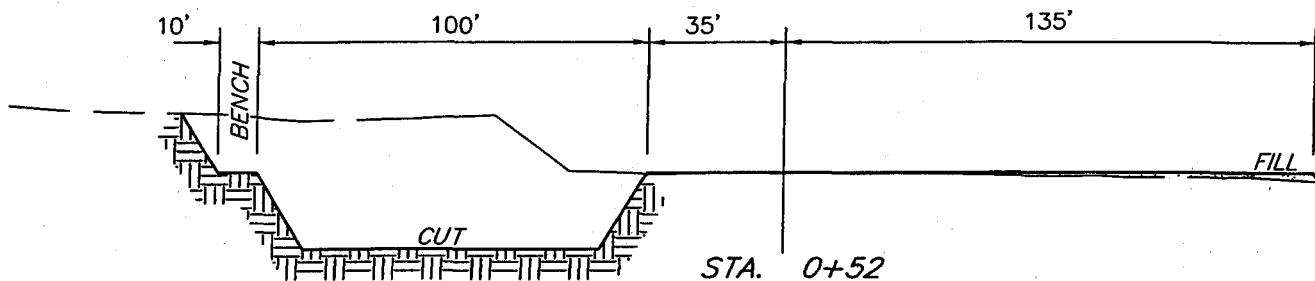
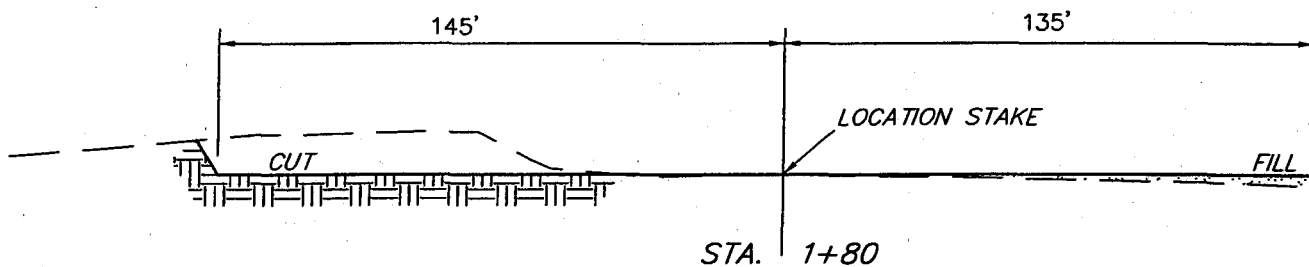
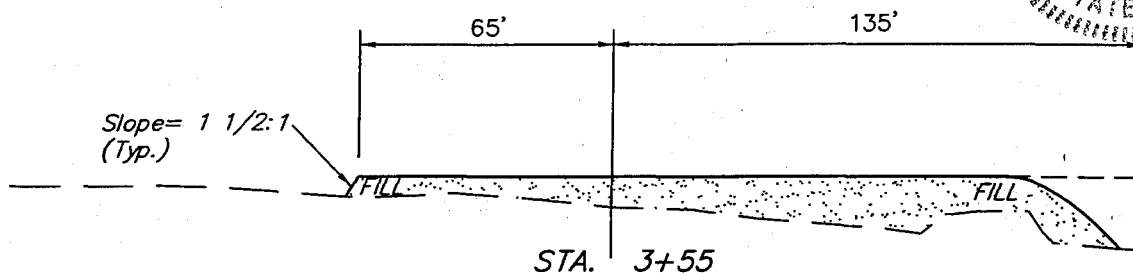
2593' FSL 675' FEL



1" = 20'
X-Section
Scale
1" = 50'

DATE: 2-1-05

Drawn By: K.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 480
(New Construction Only)

Remaining Location = 6,180 Cu. Yds.

TOTAL CUT = 6,660 CU.YDS.

FILL = 2,000 CU.YDS.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 4,660 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,040 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 2,620 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DOMINION EXPLR. & PROD., INC.

HCU #8-29F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 29, T10S, R20E, S.L.B.&M.

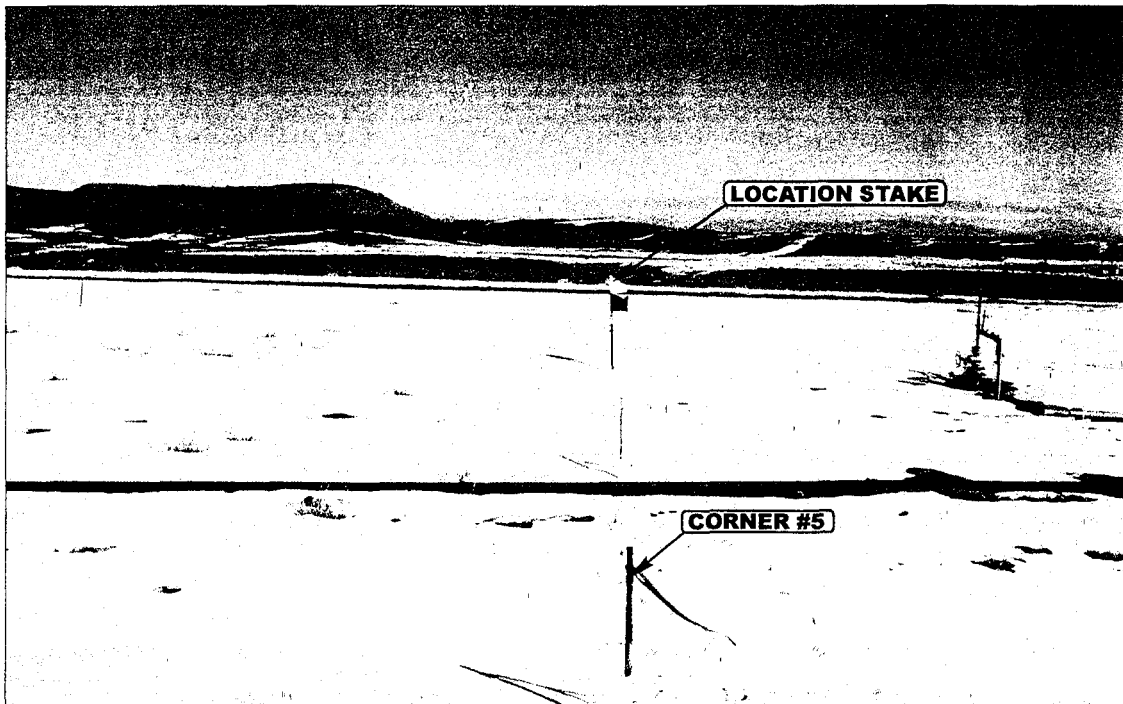


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

E&L S Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

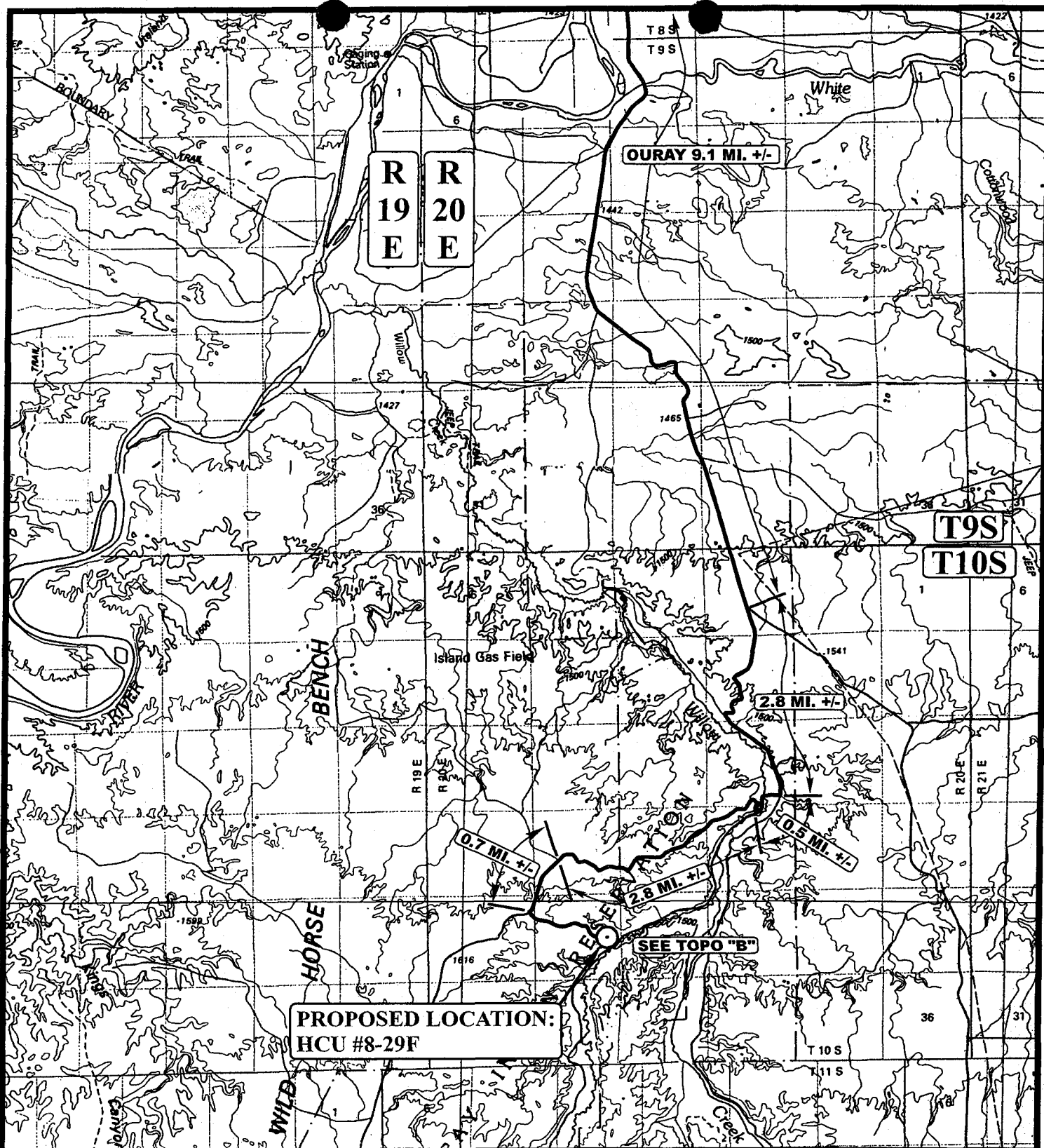
02 01 05
MONTH DAY YEAR

PHOTO

TAKEN BY: J.W.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

N

DOMINION EXPLR. & PROD., INC.

HCU #8-29F

SECTION 29, T10S, R20E, S.L.B.&M.

2593' FSL 675' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

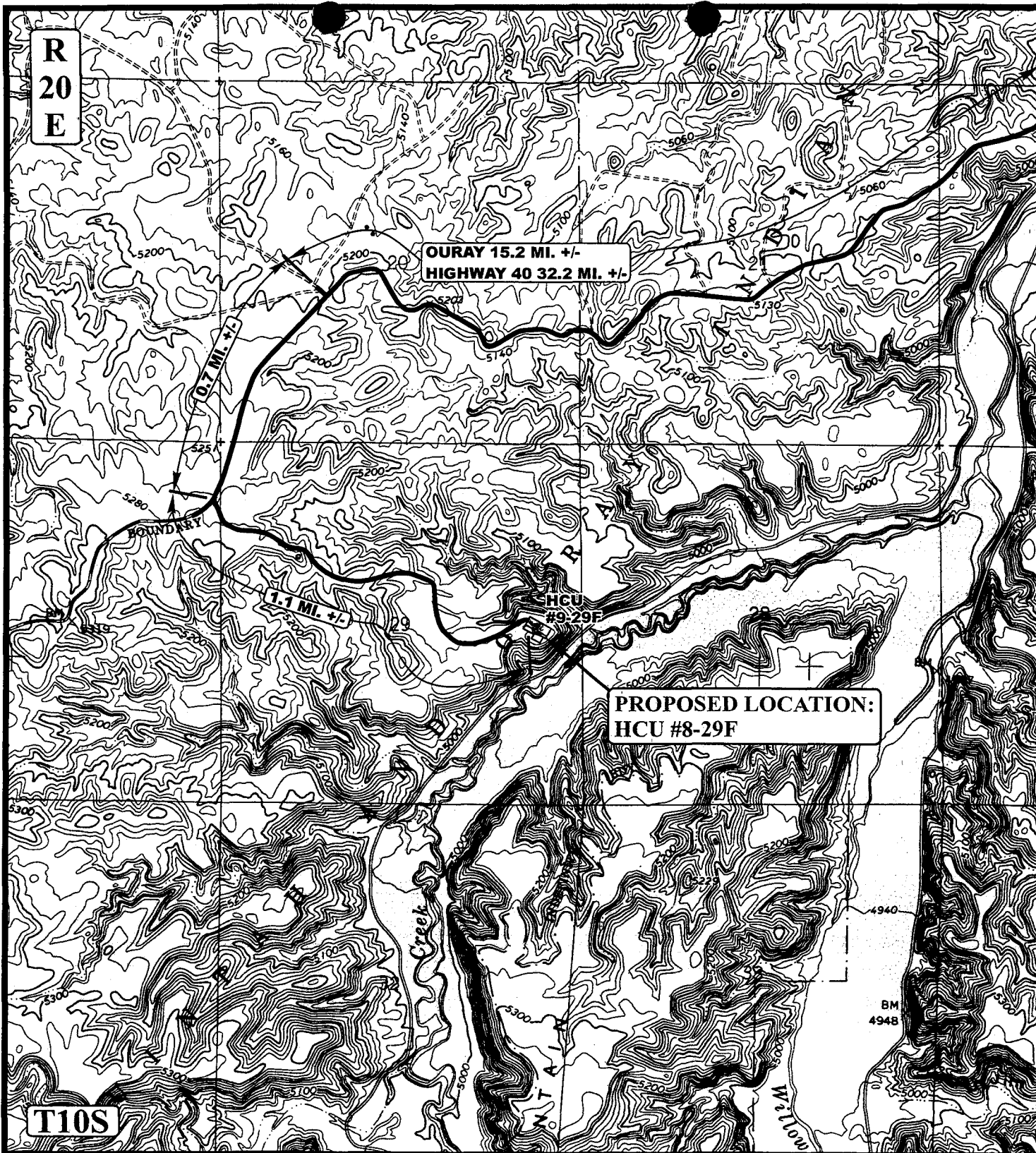
02 01 05
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





R
20
E

OURAY 15.2 MI. +/-
HIGHWAY 40 32.2 MI. +/-

PROPOSED LOCATION:
HCU #8-29F

DOMINION EXPLR. & PROD., INC.

HCU #8-29F
SECTION 29, T10S, R20E, S.L.B.&M.
2593' FSL 675' FEL

LEGEND:

EXISTING ROAD



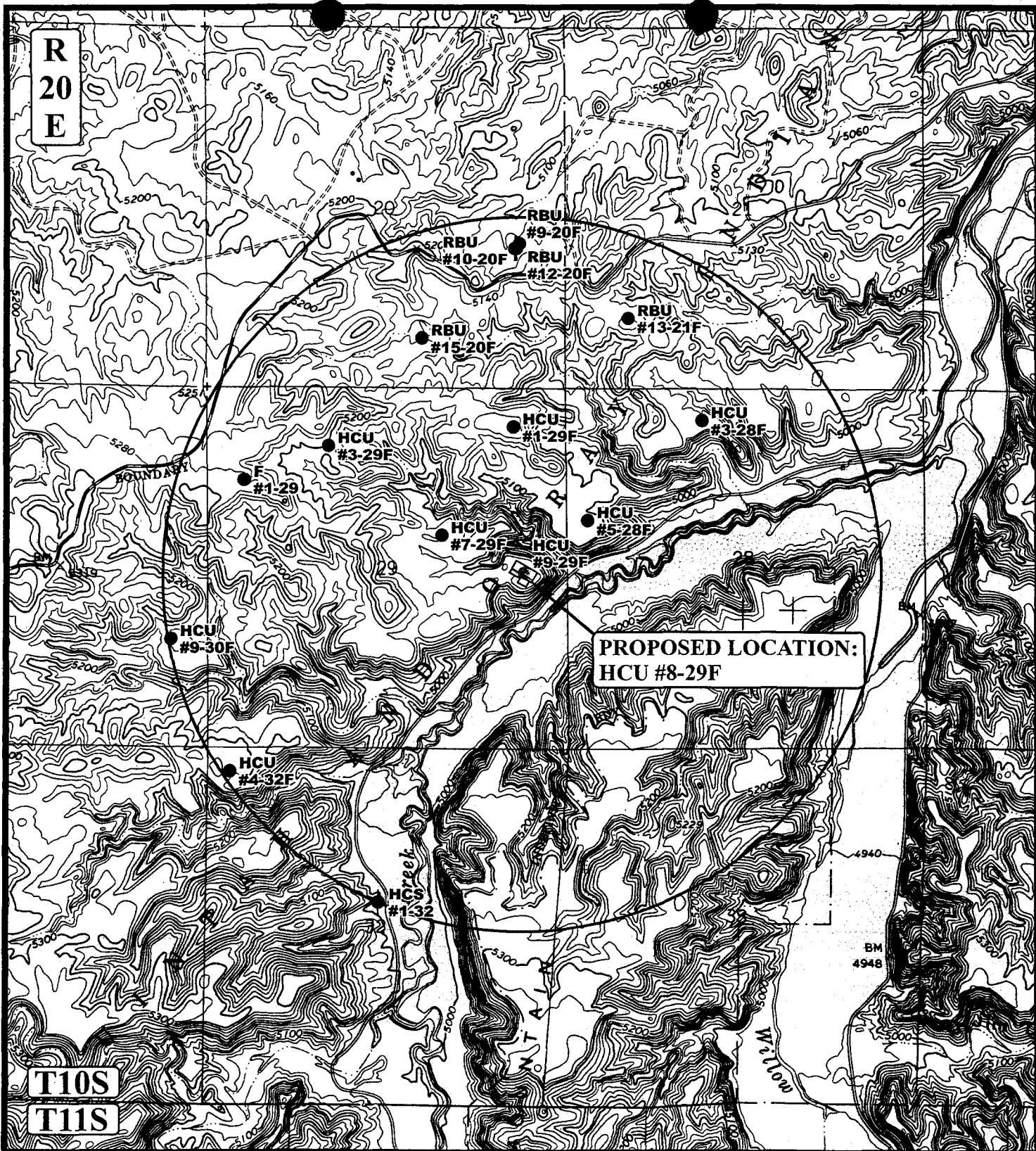
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

02 01 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊘ DISPOSAL WELLS | ⊘ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



DOMINION EXPLR. & PROD., INC.

HCU #8-29F
 SECTION 29, T10S, R20E, S.L.B.&M.
 2593' FSL 675' FEL

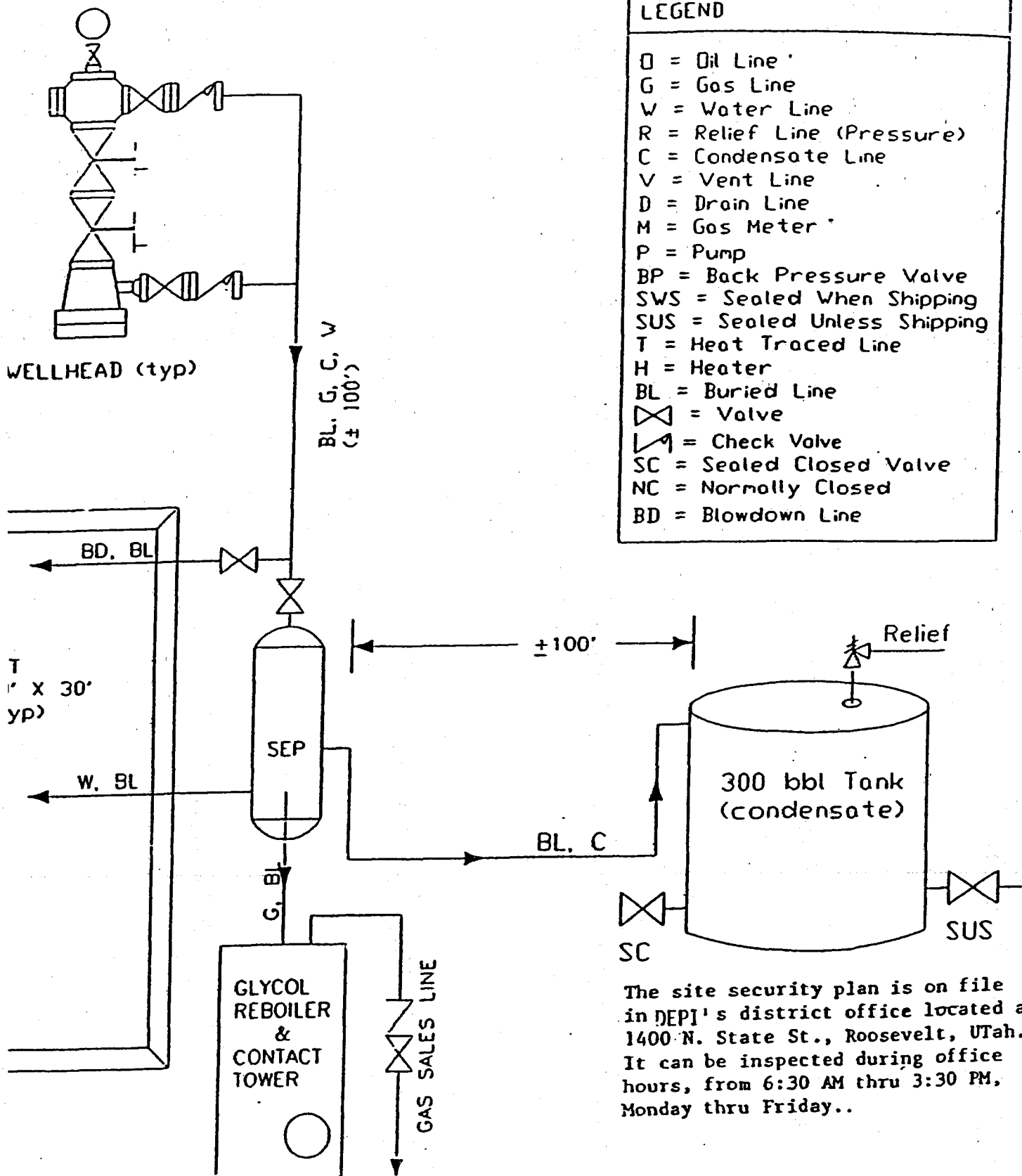
TOPOGRAPHIC
 MAP

02 01 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



CONFIDENTIAL



The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

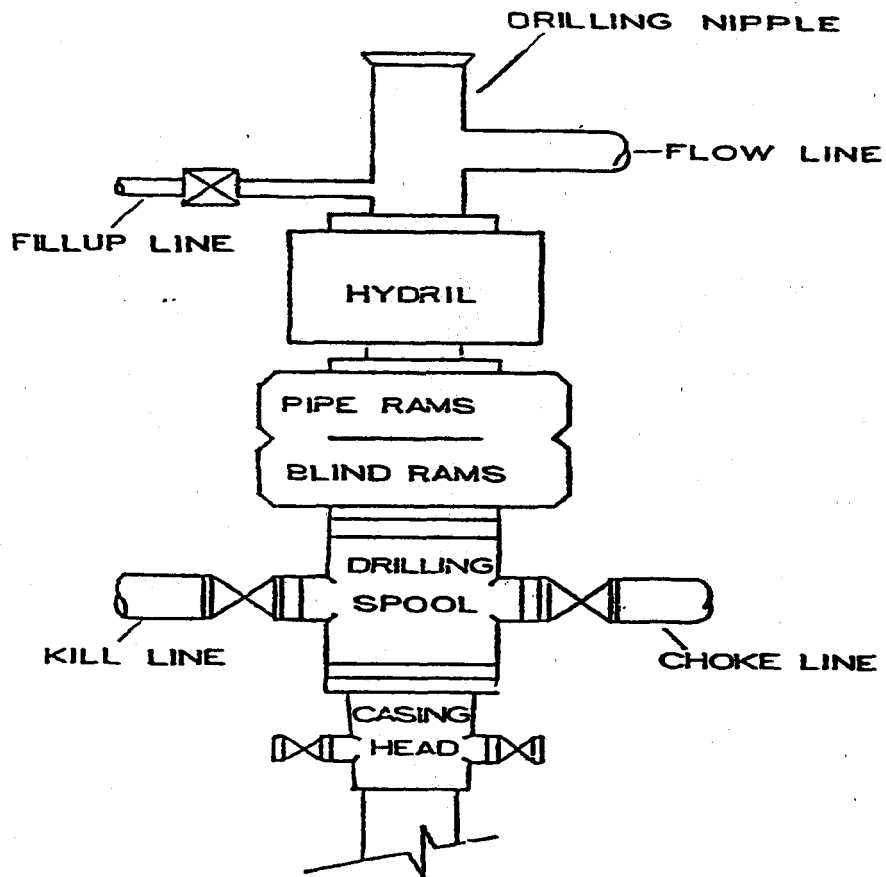
DOMINION EXPLORATION & PRODUCTION, INC.

TYPICAL FLOW DIAGRAM

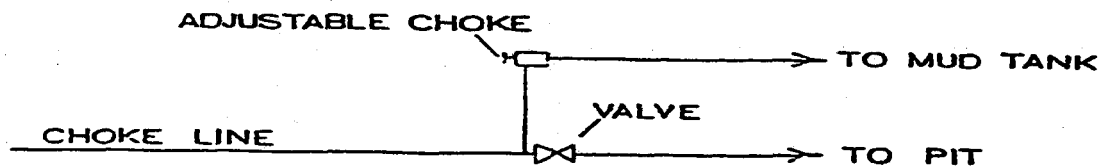
not to scale

date: / /

BOP STACK - 3000



CHOKE MANIFOLD - 3000



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/28/2005

API NO. ASSIGNED: 43-047-37427

WELL NAME: HCU 8-29F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NESE 29 100S 200E

SURFACE: 2593 FSL 0675 FEL

SENE BOTTOM: 1700 FNL 0700 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-28203

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.91804

LONGITUDE: -109.6809

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 76S630500330)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-10447)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit HILL CREEK

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 197-11

Eff Date: 8-17-2000

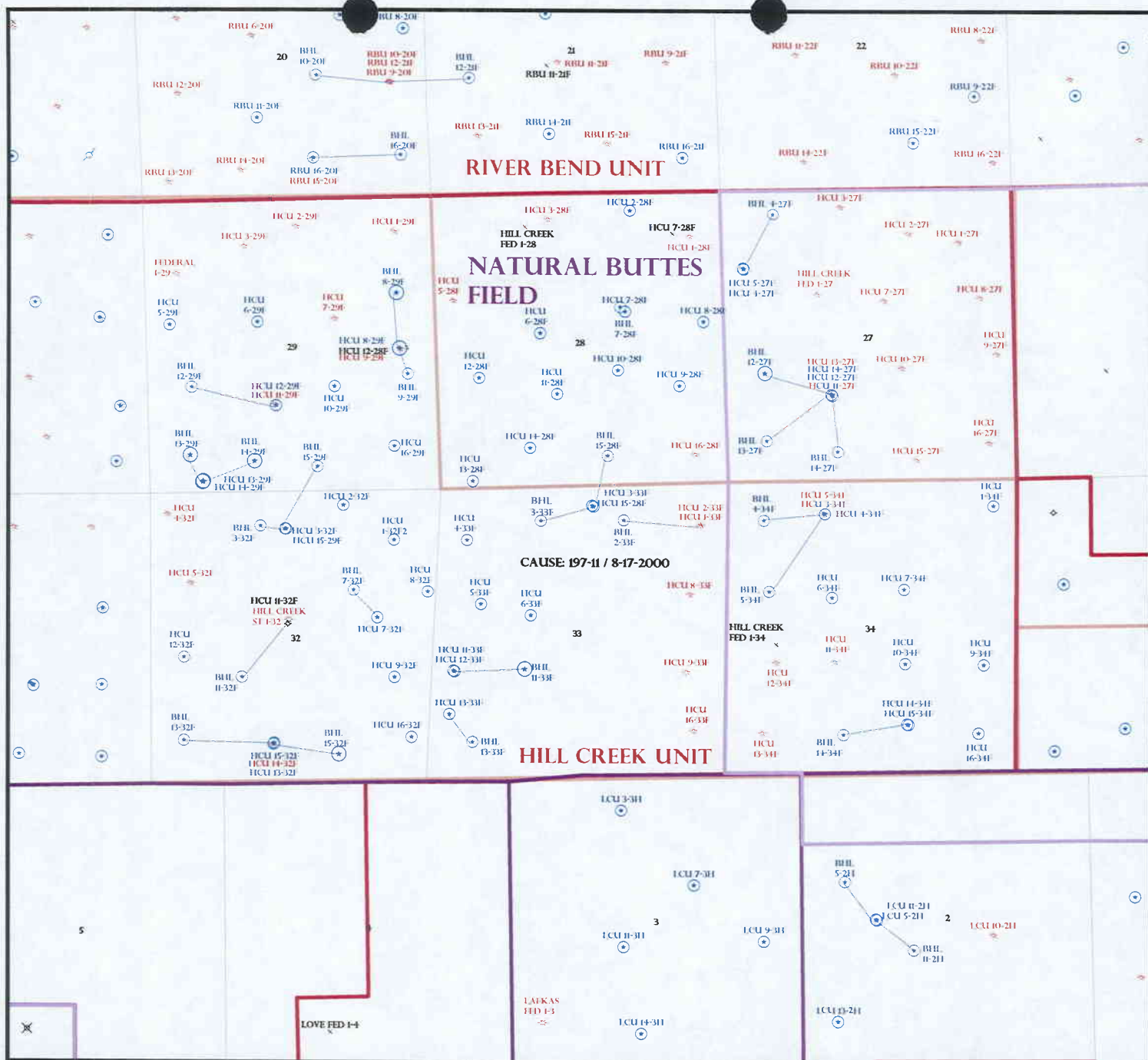
Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
2- OIL SHALE



OPERATOR: DOMINION EXPL & PROD N1095)

SEC: 27,29,32 T. 10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 197-11 / 8-17-2000

Field Status

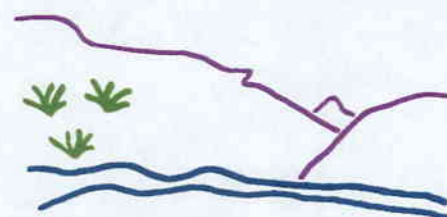
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHEML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 29-NOVEMBER-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

November 29, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Hill Creek Unit Uintah County,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Hill Creek Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-37422	HCU 15-32F Sec 32 T10S R20E 0760 FSL 2246 FWL	
	BHL Sec 32 T10S R20E 0500 FSL 1600 FEL	
43-047-37424	HCU 12-27F Sec 27 T10S R20E 1607 FSL 1885 FWL	
	BHL Sec 27 T10S R20E 1980 FSL 0660 FWL	
43-047-37425	HCU 14-29F Sec 29 T10S R20E 0232 FSL 0971 FWL	
	BHL Sec 29 T10S R20E 0600 FSL 1900 FWL	
43-047-37426	HCU 13-29F Sec 29 T10S R20E 0209 FSL 0961 FWL	
	BHL Sec 29 T10S R20E 0700 FSL 0750 FWL	
43-047-37427	HCU 8-29F Sec 29 T10S R20E 2593 FSL 0675 FEL	
	BHL Sec 29 T10S R20E 1700 FNL 0700 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 29, 2005

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: Hill Creek Unit 8-29F Well, Surface Location 2593' FSL, 675' FEL, NE SE,
Sec. 29, T. 10 South, R. 20 East, Bottom Location 1700' FNL, 700' FEL, SE NE,
Sec. 29, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37427.

Sincerely,

Gil Hunt
Associate Director

pab

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Hill Creek Unit 8-29F
API Number: 43-047-37427
Lease: U-28203

Surface Location: NE SE **Sec.** 29 **T.** 10 South **R.** 20 East
Bottom Location: SE NE **Sec.** 29 **T.** 10 South **R.** 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

NOV 28 2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-28203
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263	8. Lease Name and Well No. HCU 8-29F
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2,593' FSL & 675' FEL, NE/4 SE/4, At proposed prod. zone 1,700' FNL & 700' FEL, SE/4 NE/4,		9. Well No. H304737427
14. Distance in miles and direction from nearest town or post office* 11.77 miles south of Ouray, Utah		10. Field and Pool, or Exploratory Natural Buttes
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2,593'		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T10S, R20E, SLB&M
16. No. of acres in lease 1,600 acres	17. Spacing Unit dedicated to this well 40 acres	12. County or Parish Uintah
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 8,150' (8,293' MD)	13. State UT
20. BLM/BIA Bond No. on file 76S 63050 0330	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,136' GR	22. Approximate date work will start* 03/15/2006
23. Estimated duration 14 days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature Don Hamilton	Name (Printed/Typed) Don Hamilton	Date 11/23/2005
Title Agent for Dominion		
Approved by (Signature) Howard R. Cleavage	Name (Printed/Typed) Howard R. Cleavage	Date 02/16/2006
Title Assistant Field Manager Mineral Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

RECEIVED

FEB 21 2006

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

ORIGINAL

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

CONFIDENTIAL



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Dominion Exploration & Production, Inc	Location:	NESE, Sec 29, T10S, R20E
Well No:	HCU 8-29F	Lease No:	UTU-28203
API No:	43-047-37427	Agreement:	Hill Creek Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Karl Wright)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Karl Wright)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- The oil shale resources will need isolation and/or protection. Usable water extends down below the intermediate casing string.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or

workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas

measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production.

Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: DOMINION EXPL & PROD INC

Well Name: HCU 8-29F

Api No: 43-047-37427 Lease Type: FEDERAL

Section 29 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

SPUDDED:

Date 04/05/06

Time 5:30 AM

How DRY

Drilling will Commence: _____

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 04/06/2006 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2593' FSL & 675' FEL, NE SE Sec. 29-10S-20E

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 8-29F

9. API Well No.

43-047-37427

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☒

Other

☐

Spud Well

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

4/5/06 spud well. 4/5/06 ran 12 jts. 13 3/8", 48#, H-40, ST&C csg., set @ 525'. Cemented w/500 sks Class "G", 1.15 cuft/sk, 15.8 ppg., good returns, 13 bbls. Cmt. To surface.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

Carla Christian

Date

4/11/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

APR 13 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095
Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state Ok zip 73134 Phone Number: (405) 749-1300

Well 1

43-047-37427	HCU 8-29F	NESE	29	10S	20E	Utah
A	99999	12829	4/5/2006	4/19/06		
Comments: <u>MVRD = WSMVD</u>		CONFIDENTIAL <u>K</u>				

Well 2

Comments:						

Well 3

Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Carla Christian

Signature

Sr. Regulatory Specialist

4/5/2006

Title

Date

RECEIVED

APR 19 2006

DIVISION OF OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐

Oil Well

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Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

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Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

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(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2593' FSL & 675' FEL, NE SE, Sec. 29-10S-20E

5. Lease Serial No.

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6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

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TYPE OF SUBMISSION

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Casing Repair

☒

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☐

Other

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Dominion request permission to change the directional plan slightly. The intermediate casing will now be set at 3,777'. Please find attached a new directional plan and a new drilling plan.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

Carla Christian

Date 11/02/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11/9/06

By: *D. K. D. J.*

Federal Approval Of This
Action Is Necessary

RECEIVED

NOV 09 2006

DIV. OF OIL, GAS & MINING



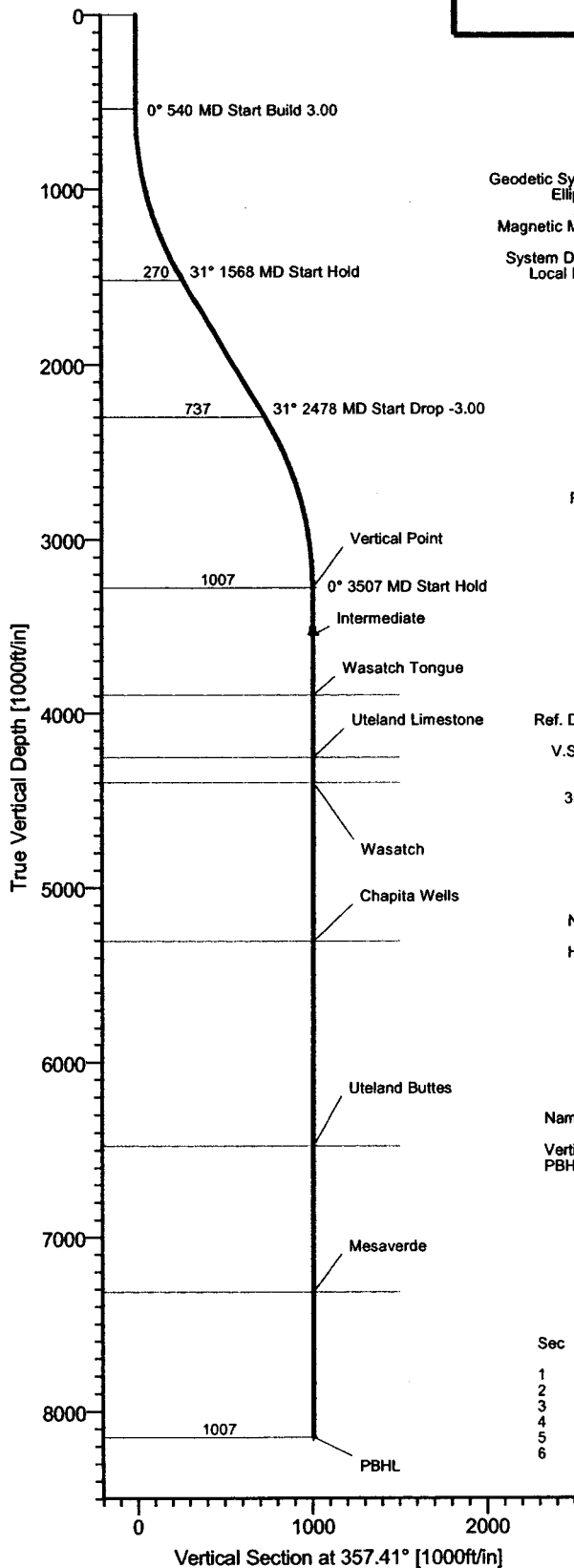
Dominion Exploration & Production

Field: Uintah County, Utah
Site: HCU # 8-29F
Well: HCU 8-29F
Wellpath: Original Hole
Plan: Plan #2



Azimuths to True North
Magnetic North: 11.72°

Magnetic Field
Strength: 52776nT
Dip Angle: 65.89°
Date: 11/2/2006
Model: igr2005



FIELD DETAILS

Uintah County, Utah
Utah - Natural Buttes
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005

System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

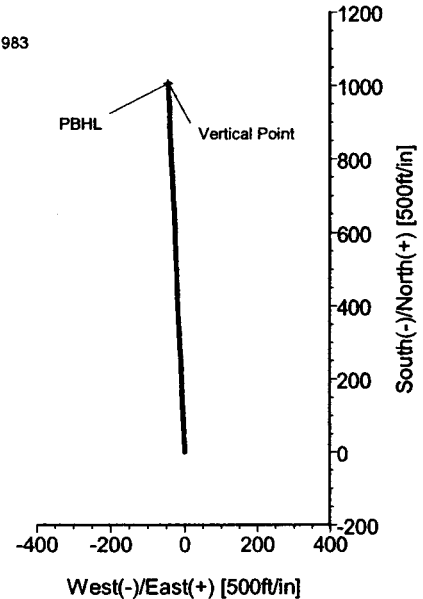
HCU # 8-29F
Sec.29, T10S, R20E

Site Centre Latitude: 39°55'04.980N
Longitude: 109°40'53.860W

Ground Level: 5136.00
Positional Uncertainty: 0.00
Convergence: 1.16

WELLPATH DETAILS

V.Section Angle	Original Hole		
	Origin +N/-S	Origin +E/-W	Starting From TVD
357.41°	0.00	0.00	0.00



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 8-29F	0.00	0.00	7144071.76	2150383.88	39°55'04.980N	109°40'53.860W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	3280.00	1006.07	-45.45	Point
PBHL	8150.00	1006.07	-45.45	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3895.00	4121.70	Wasatch Tongue
2	4255.00	4481.70	Uteland Limestone
3	4400.00	4626.70	Wasatch
4	5305.00	5531.70	Chapita Wells
5	6475.00	6701.70	Uteland Buttes
6	7315.00	7541.70	Mesaverde

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	
3	1568.32	30.85	357.41	1519.35	269.94	-12.19	3.00	357.41	270.22	
4	2478.38	30.85	357.41	2300.65	736.13	-33.26	0.00	0.00	736.88	
5	3506.70	0.00	357.41	3280.00	1006.07	-45.45	3.00	180.00	1007.10	Vertical Point
6	8376.70	0.00	357.41	8150.00	1006.07	-45.45	0.00	357.41	1007.10	PBHL



Ryan Energy Technologied

Planning Report



Company: Dominion Exploration & Product		Date: 11/2/2006	Time: 14:24:24	Page: 1
Field: Uintah County, Utah		Co-ordinate(NE) Reference: Well: HCU 8-29F, True North		
Site: HCU # 8-29F		Vertical (TVD) Reference: Est RKB 5155.0		
Well: HCU 8-29F		Section (VS) Reference: Well (0.00N,0.00E,357.41Azi)		
Wellpath: Original Hole		Plan: Plan #2		

Field: Uintah County, Utah Utah - Natural Buttes USA		Map Zone: Utah, Central Zone
Map System: US State Plane Coordinate System 1983		Coordinate System: Well Centre
Geo Datum: GRS 1980		Geomagnetic Model: igrf2005
Sys Datum: Mean Sea Level		

Site: HCU # 8-29F				
Sec.29, T10S, R20E				
Site Position:	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N		
From: Geographic	Easting: 2150383.88 ft	Longitude: 109 40 53.860 W		
Position Uncertainty: 0.00 ft		North Reference: True		
Ground Level: 5136.00 ft		Grid Convergence: 1.16 deg		

Well: HCU 8-29F		Slot Name:		
Well Position:	+N/-S 0.00 ft	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N	
	+E/-W 0.00 ft	Easting : 2150383.88 ft	Longitude: 109 40 53.860 W	
Position Uncertainty: 0.00 ft				

Wellpath: Original Hole		Drilled From: Surface		
Current Datum: Est RKB	Height 5155.00 ft	Tie-on Depth: 0.00 ft		
Magnetic Data: 11/2/2006		Above System Datum: Mean Sea Level		
Field Strength: 52776 nT		Declination: 11.72 deg		
Vertical Section: Depth From (TVD)	+N/-S ft	Mag Dip Angle: 65.89 deg		
		+E/-W ft	Direction deg	
0.00	0.00	0.00	357.41	

Plan: Plan #2	Date Composed: 6/15/2006
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1568.32	30.85	357.41	1519.35	269.94	-12.19	3.00	3.00	0.00	357.41	
2478.38	30.85	357.41	2300.65	736.13	-33.26	0.00	0.00	0.00	0.00	
3506.70	0.00	357.41	3280.00	1006.07	-45.45	3.00	-3.00	0.00	180.00	Vertical Point
8376.70	0.00	357.41	8150.00	1006.07	-45.45	0.00	0.00	0.00	357.41	PBHL

Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	357.41	599.99	0.94	-0.04	0.94	3.00	3.00	0.00	
700.00	4.80	357.41	699.81	6.69	-0.30	6.70	3.00	3.00	0.00	
800.00	7.80	357.41	799.20	17.65	-0.80	17.67	3.00	3.00	0.00	
900.00	10.80	357.41	897.87	33.79	-1.53	33.83	3.00	3.00	0.00	
1000.00	13.80	357.41	995.57	55.07	-2.49	55.13	3.00	3.00	0.00	
1100.00	16.80	357.41	1092.01	81.43	-3.68	81.51	3.00	3.00	0.00	
1200.00	19.80	357.41	1186.94	112.79	-5.10	112.91	3.00	3.00	0.00	
1300.00	22.80	357.41	1280.10	149.08	-6.73	149.23	3.00	3.00	0.00	
1400.00	25.80	357.41	1371.23	190.18	-8.59	190.38	3.00	3.00	0.00	
1500.00	28.80	357.41	1460.08	236.00	-10.66	236.24	3.00	3.00	0.00	
1568.32	30.85	357.41	1519.35	269.94	-12.19	270.22	3.00	3.00	0.00	
1600.00	30.85	357.41	1546.55	286.17	-12.93	286.46	0.00	0.00	0.00	
1700.00	30.85	357.41	1632.40	337.39	-15.24	337.74	0.00	0.00	0.00	
1800.00	30.85	357.41	1718.25	388.62	-17.56	389.02	0.00	0.00	0.00	



Ryan Energy Technologied Planning Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 8-29F
Well: HCU 8-29F
Wellpath: Original Hole

Date: 11/2/2006 Time: 14:24:24 Page: 2
Co-ordinate(N/E) Reference: Well HCU 8-29F True North
Vertical (TVD) Reference: Est RKB 5155.0
Section (VS) Reference: Well (0.00N, 0.00E, 357.41Azi)
Plan: Plan #2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	30.85	357.41	1804.10	439.85	-19.87	440.30	0.00	0.00	0.00	
2000.00	30.85	357.41	1889.95	491.07	-22.18	491.57	0.00	0.00	0.00	
2100.00	30.85	357.41	1975.80	542.30	-24.50	542.85	0.00	0.00	0.00	
2200.00	30.85	357.41	2061.66	593.53	-26.81	594.13	0.00	0.00	0.00	
2300.00	30.85	357.41	2147.51	644.75	-29.13	645.41	0.00	0.00	0.00	
2400.00	30.85	357.41	2233.36	695.98	-31.44	696.69	0.00	0.00	0.00	
2478.38	30.85	357.41	2300.65	736.13	-33.26	736.88	0.00	0.00	0.00	
2500.00	30.20	357.41	2319.27	747.10	-33.75	747.86	3.00	-3.00	0.00	
2600.00	27.20	357.41	2406.98	795.07	-35.92	795.88	3.00	-3.00	0.00	
2700.00	24.20	357.41	2497.07	838.39	-37.87	839.24	3.00	-3.00	0.00	
2800.00	21.20	357.41	2589.32	876.94	-39.62	877.83	3.00	-3.00	0.00	
2900.00	18.20	357.41	2683.45	910.61	-41.14	911.54	3.00	-3.00	0.00	
3000.00	15.20	357.41	2779.22	939.32	-42.43	940.27	3.00	-3.00	0.00	
3100.00	12.20	357.41	2876.37	962.97	-43.50	963.96	3.00	-3.00	0.00	
3200.00	9.20	357.41	2974.62	981.52	-44.34	982.52	3.00	-3.00	0.00	
3300.00	6.20	357.41	3073.70	994.91	-44.95	995.92	3.00	-3.00	0.00	
3400.00	3.20	357.41	3173.36	1003.09	-45.32	1004.12	3.00	-3.00	0.00	
3506.70	0.00	357.41	3280.00	1006.07	-45.45	1007.10	3.00	-3.00	0.00	Vertical Point
3600.00	0.00	357.41	3373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3700.00	0.00	357.41	3473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3776.70	0.00	357.41	3550.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Intermediate
3800.00	0.00	357.41	3573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3900.00	0.00	357.41	3673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4000.00	0.00	357.41	3773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4100.00	0.00	357.41	3873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4121.70	0.00	357.41	3895.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Wasatch Tongue
4200.00	0.00	357.41	3973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4300.00	0.00	357.41	4073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4400.00	0.00	357.41	4173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4481.70	0.00	357.41	4255.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Uteland Limestone
4500.00	0.00	357.41	4273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4600.00	0.00	357.41	4373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4626.70	0.00	357.41	4400.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Wasatch
4700.00	0.00	357.41	4473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4800.00	0.00	357.41	4573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4900.00	0.00	357.41	4673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5000.00	0.00	357.41	4773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5100.00	0.00	357.41	4873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5200.00	0.00	357.41	4973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5300.00	0.00	357.41	5073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5400.00	0.00	357.41	5173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5500.00	0.00	357.41	5273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5531.70	0.00	357.41	5305.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Chapita Wells
5600.00	0.00	357.41	5373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5700.00	0.00	357.41	5473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5800.00	0.00	357.41	5573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5900.00	0.00	357.41	5673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6000.00	0.00	357.41	5773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6100.00	0.00	357.41	5873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6200.00	0.00	357.41	5973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6300.00	0.00	357.41	6073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6400.00	0.00	357.41	6173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6500.00	0.00	357.41	6273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6600.00	0.00	357.41	6373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	



Ryan Energy Technologied Planning Report



Company:	Dominion Exploration & Product	Date:	11/2/2006	Time:	14:24:24	Page:	3
Field:	Utah County, Utah	Co-ordinate(NE) Reference:	Well: HCU 8-29F	True North:			
Site:	HCU # 8-29F	Vertical (TVD) Reference:	Est RKB 5155.0				
Well:	HCU 8-29F	Section (VS) Reference:	Well (0.00N,0.00E,357.41Azi)				
Wellpath:	Original Hole	Plan:	Plan #2				

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6700.00	0.00	357.41	6473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6701.70	0.00	357.41	6475.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Uteland Buttes
6800.00	0.00	357.41	6573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6900.00	0.00	357.41	6673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7000.00	0.00	357.41	6773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7100.00	0.00	357.41	6873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7200.00	0.00	357.41	6973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7300.00	0.00	357.41	7073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7400.00	0.00	357.41	7173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7500.00	0.00	357.41	7273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7541.70	0.00	357.41	7315.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Mesaverde
7600.00	0.00	357.41	7373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7700.00	0.00	357.41	7473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7800.00	0.00	357.41	7573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7900.00	0.00	357.41	7673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8000.00	0.00	357.41	7773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8100.00	0.00	357.41	7873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8200.00	0.00	357.41	7973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8300.00	0.00	357.41	8073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8376.70	0.00	357.41	8150.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
Vertical Point			3280.00	1006.07	-45.45	7145076.70	2150317.99	39 55 14.923 N	109 40 54.443 W
-Plan hit target									
PBHL			8150.00	1006.07	-45.45	7145076.70	2150317.99	39 55 14.923 N	109 40 54.443 W
-Plan hit target									

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3776.70	3550.00	9.625	0.000	Intermediate

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4121.70	3895.00	Wasatch Tongue		0.00	0.00
4481.70	4255.00	Uteland Limestone		0.00	0.00
4626.70	4400.00	Wasatch		0.00	0.00
5531.70	5305.00	Chapita Wells		0.00	0.00
6701.70	6475.00	Uteland Buttes		0.00	0.00
7541.70	7315.00	Mesaverde		0.00	0.00

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 8-29F
SHL: 2593' FSL & 675' FEL Section 29-10S-20E
BHL: 1700' FNL & 700' FEL Section 29-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	4,122'
Uteland Limestone	4,482'
Wasatch	4,627'
Chapita Wells	5,532'
Uteland Buttes	6,702'
Mesaverde	7,542'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	4,122'	Oil
Uteland Limestone	4,482'	Oil
Wasatch	4,627'	Gas
Chapita Wells	5,532'	Gas
Uteland Buttes	6,702'	Gas
Mesaverde	7,542'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,777'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,377'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,777'	8.6	Fresh water, rotating head and diverter
2,777' - 8,377'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,777 (MD)±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	450	0'-3,277'	10.5 ppg	4.14 CFS	1064 CF	1,863 CF
Tail	254	3,277'-3,777'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.
Water requirement: 26.07 gal/sack
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.
Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.
Pump Time: 1 hr. 5 min. @ 110 °F.
Compressives @ 110 °F: 2,500 psi after 24 hours

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,377' (MD)±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,322'-4,122'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	850	4,122'-8,377'	13.0 ppg	1.75 CFS	737 CF	1474 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: ASAP
Duration: 14 Days

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 11/15/2006 at 5:43:38 PM

Pages : 2 (including Cover)

Subject : HCU 8-29F *T10S R20E S-29 43-047-37427*

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UTAH DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

PLAN DEPTH : 8,200

SPUD DATE : 04/05/06

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$626,738.92

EVENT CC : \$0.00

EVENT TC : \$626,738.92

WELL TOTL COST : \$626,739

REPORT DATE: 11/08/06 MD : 2,775 TVD : 2,600 DAYS : MW : 8.7 VISC : 33
 DAILY : DC : \$40,930.00 CC : \$0.00 TC : \$40,930.00 CUM : DC : \$270,766.00 CC : \$0.00 TC : \$270,766.00
 DAILY DETAILS : DIREC DRLG F/2263 TO 2326 WORK ON PUMP DIREC DRLG F/2326 TO 2453 REPAIR PUMP DIREC DRLG F/2453 TO 2775 REPAIR PUMP

REPORT DATE: 11/09/06 MD : 2,991 TVD : 2,850 DAYS : MW : 8.6 VISC : 38
 DAILY : DC : \$41,090.00 CC : \$0.00 TC : \$41,090.00 CUM : DC : \$311,856.00 CC : \$0.00 TC : \$311,856.00
 DAILY DETAILS : REPAIR PUMP TOOH TO REPAIR RIG REPAIR PUMP TIH DIREC DRLG TO 2991

REPORT DATE: 11/10/06 MD : 3,484 TVD : 3,284 DAYS : MW : 8.6 VISC : 38
 DAILY : DC : \$39,065.00 CC : \$0.00 TC : \$39,065.00 CUM : DC : \$350,921.00 CC : \$0.00 TC : \$350,921.00
 DAILY DETAILS : DIREC DRLG F/ 2991 TO 3309 RIG SERVICE DIREC DRLG F/ 3309 TO 3484

REPORT DATE: 11/11/06 MD : 3,594 TVD : 3,394 DAYS : MW : 8.8 VISC : 34
 DAILY : DC : \$80,678.96 CC : \$0.00 TC : \$80,678.96 CUM : DC : \$431,599.96 CC : \$0.00 TC : \$431,599.96
 DAILY DETAILS : DIREC DRLG F/ 3480 TO 3594 CIRC TOOH RUN 82 JTS OF 9 5/8 36# J-55 ST&C 8RD CSG TO 3570 CEMENT CSG W/ 375 SKS OF LEAD W/16% GEL, 10#/SK GILSONITE, 3#/SK GR-3, 3% SALT, 1/4 #/SK FLOCELE, 11 PPG, 3.82 CUFT/SK, 23 GAL WATER/SK FOLLOWED BY 225 SKS OF TAIL W/ 2% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.8 PPG, 1.15 CUFT/SK, 5 GAL WATER/SK LAND PLUG W/ 710 PSI FLOATS HELD, 52 BBLs OF CEMENT BACK TO SURFACE NU BOPE

REPORT DATE: 11/12/06 MD : 4,115 TVD : 3,915 DAYS : MW : 8.5 VISC : 26
 DAILY : DC : \$77,943.96 CC : \$0.00 TC : \$77,943.96 CUM : DC : \$509,543.92 CC : \$0.00 TC : \$509,543.92
 DAILY DETAILS : NU BOPE TEST BOPE TIH DRLG CEMENT FLT AND SHOE FIT DRLG F/ 3594 TO 4115 SURVEY @ 4115 LINE BROKE FISH LINE OUT

REPORT DATE: 11/13/06 MD : 5,956 TVD : 5,756 DAYS : MW : 8.6 VISC : 26
 DAILY : DC : \$36,490.00 CC : \$0.00 TC : \$36,490.00 CUM : DC : \$546,033.92 CC : \$0.00 TC : \$546,033.92
 DAILY DETAILS : TOOH AND TIH FOR BROKE WIRELINE DRLG F/ 4115 TO 4623 RIG SERVICE DRLG F/ 4623 TO 5100 SURVEY @ 5017 1.75 DEG 192 AZ DRLG F/ 5100 TO 5956

REPORT DATE: 11/14/06 MD : 7,594 TVD : 7,394 DAYS : MW : 9.1 VISC : 26
 DAILY : DC : \$43,645.00 CC : \$0.00 TC : \$43,645.00 CUM : DC : \$589,678.92 CC : \$0.00 TC : \$589,678.92
 DAILY DETAILS : DRLG F/ 5956 TO 6083 SURVEY @ 6004 2 DEG 172 DRLG F/ 6083 TO 6591 RIG SERVICE DRLG F/ 6591 TO 7003 SURVEY @ 6923 2 DEG 132AZ DRLG F/ 7003 TO 7594

REPORT DATE: 11/15/06 MD : 8,263 TVD : 8,063 DAYS : MW : 8.8 VISC : 27
 DAILY : DC : \$37,060.00 CC : \$0.00 TC : \$37,060.00 CUM : DC : \$626,738.92 CC : \$0.00 TC : \$626,738.92
 DAILY DETAILS : DRLG F/ 7574 TO 7828 RIG SERVICE DRLG F/ 7828 TO 8263

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Form 3160-3
(August, 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 8-29F

9. API Well No.

43-047-37427

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Utah, UT

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2593' FSL & 675' FEL, NE SE, Sec. 29-10S-20E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Altering Casing☐ Casing Repair☒ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Dominion request permission to change the directional plan slightly. The intermediate casing will now be set at 3,777'. Please find attached a new directional plan and a new drilling plan.

COPY SENT TO OPERATOR

Date: 11/2/06
Initials: RHR

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

Carla Christian

Date

11/02/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11/3/06

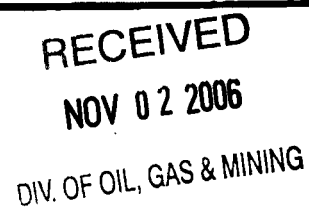
By: [Signature]

Federal Approval Of This
Action Is Necessary

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DIV. OF OIL, GAS & MINING





Ryan Energy Technologied

Planning Report



Company: Dominion Exploration & Production
 Field: Uintah County, Utah
 Site: HCU # 8-29F
 Well: HCU 8-29F
 Wellpath: Original Hole
 Date: 11/2/2006
 Co-analysis (NA) Reference: Well HCU 8-29F True North
 Vertical (TVD) Reference: Est RKB 8155.0
 Section (VS) Reference: Well (0.00N,0.00E,357.41Az)
 Plan: Plan #2

Field: Uintah County, Utah
 Utah - Natural Buttes
 USA
 Map System: US State Plane Coordinate System 1983
 Geo Datum: GRS 1980
 Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
 Coordinate System: Well Centre
 Geomagnetic Model: lgr2005

Site: HCU # 8-29F

Sec.29, T10S, R20E

Site Position: Northing: 7144071.76 ft Latitude: 39 55 4.980 N
 From: Geographic Easting: 2150383.88 ft Longitude: 109 40 53.860 W
 Position Uncertainty: 0.00 ft North Reference: True
 Ground Level: 5136.00 ft Grid Convergence: 1.16 deg

Well: HCU 8-29F

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 7144071.76 ft Latitude: 39 55 4.980 N
 +E/-W 0.00 ft Easting: 2150383.88 ft Longitude: 109 40 53.860 W
 Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Drilled From: Surface

Current Datum: Est RKB Height 5155.00 ft
 Magnetic Data: 11/2/2006
 Field Strength: 52776 nT
 Vertical Section: Depth From (TVD) +N/-S
 ft ft
 0.00 0.00 0.00 357.41

Plan: Plan #2

Date Composed: 6/15/2006

Principal: Yes

Version: 1

Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Buil deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1568.32	30.85	357.41	1519.35	289.94	-12.19	3.00	3.00	0.00	357.41	
2478.38	30.85	357.41	2300.65	736.13	-33.26	0.00	0.00	0.00	0.00	
3508.70	0.00	357.41	3280.00	1006.07	-45.45	3.00	-3.00	0.00	180.00	Vertical Point
8376.70	0.00	357.41	8150.00	1006.07	-45.45	0.00	0.00	0.00	357.41	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Buil deg/100ft	Turn deg/100ft	Test/Comment
540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	1.80	357.41	599.99	0.94	-0.04	0.94	3.00	3.00	0.00	
700.00	4.80	357.41	699.81	6.69	-0.30	6.70	3.00	3.00	0.00	
800.00	7.80	357.41	799.20	17.85	-0.80	17.87	3.00	3.00	0.00	
900.00	10.80	357.41	897.87	33.79	-1.53	33.83	3.00	3.00	0.00	
1000.00	13.80	357.41	995.57	55.07	-2.49	55.13	3.00	3.00	0.00	
1100.00	16.80	357.41	1092.01	81.43	-3.88	81.51	3.00	3.00	0.00	
1200.00	19.80	357.41	1188.94	112.79	-5.10	112.91	3.00	3.00	0.00	
1300.00	22.80	357.41	1280.10	149.08	-6.73	149.23	3.00	3.00	0.00	
1400.00	25.80	357.41	1371.23	190.18	-8.59	190.38	3.00	3.00	0.00	
1500.00	28.80	357.41	1460.08	236.00	-10.86	236.24	3.00	3.00	0.00	
1568.32	30.85	357.41	1519.35	289.94	-12.19	270.22	3.00	3.00	0.00	
1800.00	30.85	357.41	1546.55	286.17	-12.93	286.46	0.00	0.00	0.00	
1700.00	30.85	357.41	1632.40	337.39	-15.24	337.74	0.00	0.00	0.00	
1800.00	30.85	357.41	1718.25	388.62	-17.56	389.02	0.00	0.00	0.00	

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DIV. OF OIL, GAS & MINING



Ryan Energy Technologied

Planning Report



Company: Dominion Exploration & Production			Date: 11/2/2006			Plan: 102822				
Field: Laramie (24100) Unit:			Geographic (N) Reference: West HCU 5250 True North			Well: HCU 5250				
Site: HCU 5250			Vertical (TV) Reference: East HCU 5155.0			Well: (0.00N, 0.00E, 357.41Az)				
Well: HCU 5250			Section (VS) Reference:			Plan #2				
Wellpath: Original Hole			Plan:			Plan #2				
Survey										
WD ft	Inc deg	Ken deg	TV ft	N/S ft	E/W ft	VS ft	DLS deg/100	Roll deg/100	Turn deg/100	ISO/Comment
1900.00	30.85	357.41	1804.10	439.85	-19.87	440.30	0.00	0.00	0.00	
2000.00	30.85	357.41	1889.95	491.07	-22.18	491.57	0.00	0.00	0.00	
2100.00	30.85	357.41	1975.80	542.30	-24.50	542.85	0.00	0.00	0.00	
2200.00	30.85	357.41	2061.66	593.53	-26.81	594.13	0.00	0.00	0.00	
2300.00	30.85	357.41	2147.51	644.75	-29.13	645.41	0.00	0.00	0.00	
2400.00	30.85	357.41	2233.38	695.98	-31.44	696.69	0.00	0.00	0.00	
2478.38	30.85	357.41	2300.85	736.13	-33.28	736.88	0.00	0.00	0.00	
2500.00	30.20	357.41	2319.27	747.10	-33.75	747.86	3.00	-3.00	0.00	
2600.00	27.20	357.41	2406.98	795.07	-35.92	795.88	3.00	-3.00	0.00	
2700.00	24.20	357.41	2497.07	836.39	-37.87	839.24	3.00	-3.00	0.00	
2800.00	21.20	357.41	2589.32	876.94	-39.62	877.83	3.00	-3.00	0.00	
2900.00	18.20	357.41	2683.45	910.61	-41.14	911.54	3.00	-3.00	0.00	
3000.00	15.20	357.41	2779.22	939.32	-42.43	940.27	3.00	-3.00	0.00	
3100.00	12.20	357.41	2876.37	962.97	-43.50	963.96	3.00	-3.00	0.00	
3200.00	9.20	357.41	2974.62	981.52	-44.34	982.52	3.00	-3.00	0.00	
3300.00	6.20	357.41	3073.70	994.91	-44.95	995.92	3.00	-3.00	0.00	
3400.00	3.20	357.41	3173.36	1003.09	-45.32	1004.12	3.00	-3.00	0.00	
3506.70	0.00	357.41	3280.00	1006.07	-45.45	1007.10	3.00	-3.00	0.00	Vertical Point
3600.00	0.00	357.41	3373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3700.00	0.00	357.41	3473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3776.70	0.00	357.41	3550.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Intermediate
3800.00	0.00	357.41	3573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
3900.00	0.00	357.41	3673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4000.00	0.00	357.41	3773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4100.00	0.00	357.41	3873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4121.70	0.00	357.41	3895.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Wasatch Tongue
4200.00	0.00	357.41	3973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4300.00	0.00	357.41	4073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4400.00	0.00	357.41	4173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4481.70	0.00	357.41	4255.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Uteland Limestone
4500.00	0.00	357.41	4273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4600.00	0.00	357.41	4373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4626.70	0.00	357.41	4400.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Wasatch
4700.00	0.00	357.41	4473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4800.00	0.00	357.41	4573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
4900.00	0.00	357.41	4673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5000.00	0.00	357.41	4773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5100.00	0.00	357.41	4873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5200.00	0.00	357.41	4973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5300.00	0.00	357.41	5073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5400.00	0.00	357.41	5173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5500.00	0.00	357.41	5273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5531.70	0.00	357.41	5305.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Chapita Wells
5600.00	0.00	357.41	5373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5700.00	0.00	357.41	5473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5800.00	0.00	357.41	5573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
5900.00	0.00	357.41	5673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6000.00	0.00	357.41	5773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6100.00	0.00	357.41	5873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6200.00	0.00	357.41	5973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6300.00	0.00	357.41	6073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6400.00	0.00	357.41	6173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6500.00	0.00	357.41	6273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6600.00	0.00	357.41	6373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	

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DIV. OF OIL, GAS & MINING



Ryan Energy Technoliged Planning Report



Company: Dominion Exploration & Production	Date: 11/2/2006	Block: 142428	Page: 1
Field: Uteland County, Utah	Co-ordinates (NE) Reference: Well HCU 8-28F True North		
Site: HCU 8-28F	Vertical (TVD) Reference: Est RKB 5153.0		
Well: HCU 8-28F	Section (VS) Reference: Well (0.00N,0.00E,357.41Azi)		
Wellpath: Original Hole	Plan:	Plan #2	

Survey

MD ft	Incl deg	Azimuth deg	TVD ft	N/S ft	E/W ft	VS ft	Dip deg/100ft	Grade deg/100ft	Turn deg/100ft	Tool/Comment
6700.00	0.00	357.41	6473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6701.70	0.00	357.41	6475.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Uteland Buttes
6800.00	0.00	357.41	6573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
6900.00	0.00	357.41	6673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7000.00	0.00	357.41	6773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7100.00	0.00	357.41	6873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7200.00	0.00	357.41	6973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7300.00	0.00	357.41	7073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7400.00	0.00	357.41	7173.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7500.00	0.00	357.41	7273.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7541.70	0.00	357.41	7315.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	Mesaverde
7600.00	0.00	357.41	7373.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7700.00	0.00	357.41	7473.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7800.00	0.00	357.41	7573.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
7900.00	0.00	357.41	7673.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8000.00	0.00	357.41	7773.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8100.00	0.00	357.41	7873.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8200.00	0.00	357.41	7973.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8300.00	0.00	357.41	8073.30	1006.07	-45.45	1007.10	0.00	0.00	0.00	
8376.70	0.00	357.41	8150.00	1006.07	-45.45	1007.10	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
Vertical Point			3280.00	1006.07	-45.45	7145076.70	2150317.99	39	55	14.923 N	109	40	54.443 W
-Plan hit target													
PBHL			8150.00	1006.07	-45.45	7145076.70	2150317.99	39	55	14.923 N	109	40	54.443 W
-Plan hit target													

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3776.70	3550.00	9.625	0.000	Intermediate

Formations

MD ft	TVD ft	Formation	Lithology	Dip Angle deg	Dip Direction deg
4121.70	3895.00	Wasatch Tongue		0.00	0.00
4481.70	4255.00	Uteland Limestone		0.00	0.00
4826.70	4400.00	Wasatch		0.00	0.00
5531.70	5305.00	Chapita Wells		0.00	0.00
6701.70	6475.00	Uteland Buttes		0.00	0.00
7541.70	7315.00	Mesaverde		0.00	0.00

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DIV. OF OIL, GAS & MINING

DRILLING PLAN**APPROVAL OF OPERATIONS****Attachment for Permit to Drill**

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
 Oklahoma City, OK 73134
Well Location: HCU 8-29F
 SHL: 2593' FSL & 675' FEL Section 29-10S-20E
 BHL: 1700' FNL & 700' FEL Section 29-10S-20E
 Uintah County, UT

1. **GEOLOGIC SURFACE FORMATION** Uintah2. **ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS**

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	4,122'
Uteland Limestone	4,482'
Wasatch	4,627'
Chapita Wells	5,532'
Uteland Buttes	6,702'
Mesaverde	7,542'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS**

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	4,122'	Oil
Uteland Limestone	4,482'	Oil
Wasatch	4,627'	Gas
Chapita Wells	5,532'	Gas
Uteland Buttes	6,702'	Gas
Mesaverde	7,542'	Gas

4. **PROPOSED CASING PROGRAM**

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,777'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,377'	7-7/8"

5. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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DIV. OF OIL, GAS & MINING

DRILLING PLAN**APPROVAL OF OPERATIONS**

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. **MUD SYSTEMS**

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,777'	8.6	Fresh water, rotating head and diverter
2,777' - 8,377'	8.6	Fresh water/2% KCL/KCL mud system

7. **BLOOIE LINE**

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. **AUXILIARY EQUIPMENT TO BE USED**

- Kelly cock.
- Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. **TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED**

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. **ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED**

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. **WATER SUPPLY**

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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DIV. OF OIL, GAS & MINING

DRILLING PLANAPPROVAL OF OPERATIONS12. CEMENT SYSTEMS

a. Surface Cement:

- Drill 17-1/4" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,777 (MD)'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	450	0'-3,277'	10.5 ppg	4.14 CFS	1064 CF	1,863 CF
Tail	254	3,277'-3,777'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
 Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.
 Water requirement: 26.07 gal/sack
 Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.
 Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.
 Pump Time: 1 hr. 5 min. @ 110 °F.
 Compressives @ 110 °F: 2,500 psi after 24 hours

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,377' (MD)'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,322'-4,122'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	850	4,122'-8,377'	13.0 ppg	1.75 CFS	737 CF	1474 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
 Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
 Water requirement: 17.71 gal/sack
 Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
 Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
 Water requirement: 9.09 gal/sack
 Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: ASAP
 Duration: 14 Days

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DIV. OF OIL, GAS & MINING

**Dominion**14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134

Fax

To: Dustin Dowlett From: Carla Christian
Fax: (801) 389-3940 Fax: (405) 749-6670
Phone: Phone: (405) 749-5263
Pages: 9 Date: 11-2-06
☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

DUSTY, would you please approve
ASAP. They are moving THE RIG TO
THIS well on Sunday. Thank you
very much!

CARLA CHRISTIAN

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DIV. OF OIL, GAS & MINING

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 11/21/2006 at 2:36:40 PM

Pages : 2 (including Cover)

Subject : HCU 8-29F *T105 R20F S29 43-047-37427*

CONFIDENTIAL

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NOV 21 2006

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F
Event No: 1
DISTRICT : WESTERN
FIELD : NATURAL BUTTES 630
LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E
COUNTY & STATE : UTAH
UT
CONTRACTOR :
WI % : 100.00 AFE # : 0504239
API # : 43-047-37427
PLAN DEPTH : 8,200 SPUD DATE : 04/05/06
DHC : \$863,500
CWC : \$752,940
AFE TOTAL : \$1,616,440
FORMATION : WASATCH/MESAVERDE
EVENT DC : \$895,280.92
EVENT CC : \$0.00
EVENT TC : \$895,280.92
WELL TOTL COST : \$895,281
REPORT DATE: 11/14/06
MD : 7,594
TVD : 7,394
DAYS :
MW : 9.1
VISC : 26
DAILY : DC : \$43,645.00
CC : \$0.00
TC : \$43,645.00
CUM : DC : \$589,678.92
CC : \$0.00
TC : \$589,678.92
DAILY DETAILS : DRLG F/ 5956 TO 6083 SURVEY @ 6004 2 DEG 172 DRLG F/ 6083 TO 6591 RIG SERVICE DRLG F/ 6591 TO 7003 SURVEY @ 6923 2 DEG 132AZ DRLG F/ 7003 TO 7594
REPORT DATE: 11/15/06
MD : 8,263
TVD : 8,063
DAYS :
MW : 8.8
VISC : 27
DAILY : DC : \$37,060.00
CC : \$0.00
TC : \$37,060.00
CUM : DC : \$626,738.92
CC : \$0.00
TC : \$626,738.92
DAILY DETAILS : DRLG F/ 7574 TO 7828 RIG SERVICE DRLG F/ 7828 TO 8263
REPORT DATE: 11/16/06
MD : 8,366
TVD : 8,166
DAYS :
MW : 9.2
VISC : 34
DAILY : DC : \$40,020.00
CC : \$0.00
TC : \$40,020.00
CUM : DC : \$666,758.92
CC : \$0.00
TC : \$666,758.92
DAILY DETAILS : DRLG F/ 8263 TO 8366 TOOH F/ LOGS LOGGING TO 8368 CUT DRLG LINE TIH TO SHOE WAIT ON LD MACHINE
REPORT DATE: 11/17/06
MD : 8,458
TVD : 8,233
DAYS :
MW :
VISC :
DAILY : DC : \$41,350.00
CC : \$0.00
TC : \$41,350.00
CUM : DC : \$708,108.92
CC : \$0.00
TC : \$708,108.92
DAILY DETAILS : WAIT ON CSGN / LAY DOWN CREW. TOH W/ DRILL STRING & BHA. MU BIT # 3, & BHA. TIH W/ DRILL STRING. KELLY UP BREAK CIRCULATION. WASH & REAM 30' TO BTM. DRLG FROM 8334' TO 8458'. W/ 20K WOB & 45 RPMS. C & C HOLE. RIG UP LAY DOWN MACHINE. LAY DOWN DRILL STRING & BHA.
REPORT DATE: 11/18/06
MD : 8,458
TVD : 8,233
DAYS :
MW : 9.3
VISC : 34
DAILY : DC : \$187,172.00
CC : \$0.00
TC : \$187,172.00
CUM : DC : \$895,280.92
CC : \$0.00
TC : \$895,280.92
DAILY DETAILS : LAY DOWN DRILL STRING & BHA. RIG UP CSGN CREW. RUN & SET 199 JT'S 5.5". 17#, M-80 CSGN @ 8427'/KB. CIRCULATE WELL BORE CLEAN. RIG UP BIG 4 CEMENTING CEMENT W/ 100 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 550 SKS TAIL MIXED @ 13.0 PPG & 1.85 YLD. THEN DISPLACE W/ 195 BBLs 2% KCL. NIPPLE DOWN BOP'S. CLEAN PITS PREPARE TO RIG DOWN. RIG DOWN PREPARE TO MOVE TO HCU 16-30F. TRUCKS ON SUNDAY AM.
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FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

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Sent : 11/29/2006 at 3:03:56 PM

Pages : 3 (including Cover)

Subject : HCU 8-29F *T10SR20E S-29 43-042-37427*

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DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

PLAN DEPTH : 8,200 SPUD DATE : 04/05/06

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$895,280.92

EVENT CC : \$215,750.00

EVENT TC : \$1,111,030.92

WELL TOTL COST : \$1,111,031

REPORT DATE: 11/13/06

MD : 5,956

TVD : 5,756

DAYS :

MW : 8.6

VISC : 26

DAILY : DC : \$36,490.00

CC : \$0.00

TC : \$36,490.00

CUM : DC : \$546,033.92

CC : \$0.00

TC : \$546,033.92

DAILY DETAILS : TOOH AND TIH FOR BROKE WIRELINE DRLG F/ 4115 TO 4623 RIG SERVICE DRLG F/ 4623 TO 5100 SURVEY @ 5017 1.75 DEG 192 AZ DRLG F/ 5100 TO 5956

REPORT DATE: 11/14/06

MD : 7,594

TVD : 7,394

DAYS :

MW : 9.1

VISC : 26

DAILY : DC : \$43,645.00

CC : \$0.00

TC : \$43,645.00

CUM : DC : \$589,678.92

CC : \$0.00

TC : \$589,678.92

DAILY DETAILS : DRLG F/ 5956 TO 6083 SURVEY @ 6004 2 DEG 172 DRLG F/ 6083 TO 6591 RIG SERVICE DRLG F/ 6591 TO 7003 SURVEY @ 6923 2 DEG 132AZ DRLG F/ 7003 TO 7594

REPORT DATE: 11/15/06

MD : 8,263

TVD : 8,063

DAYS :

MW : 8.8

VISC : 27

DAILY : DC : \$37,060.00

CC : \$0.00

TC : \$37,060.00

CUM : DC : \$626,738.92

CC : \$0.00

TC : \$626,738.92

DAILY DETAILS : DRLG F/ 7574 TO 7828 RIG SERVICE DRLG F/ 7828 TO 8263

REPORT DATE: 11/16/06

MD : 8,366

TVD : 8,166

DAYS :

MW : 9.2

VISC : 34

DAILY : DC : \$40,020.00

CC : \$0.00

TC : \$40,020.00

CUM : DC : \$666,758.92

CC : \$0.00

TC : \$666,758.92

DAILY DETAILS : DRLG F/ 8263 TO 8366 TOOH F/ LOGS LOGGING TO 8368 CUT DRLG LINE TIH TO SHOE WAIT ON LD MACHINE

REPORT DATE: 11/17/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$41,350.00

CC : \$0.00

TC : \$41,350.00

CUM : DC : \$708,108.92

CC : \$0.00

TC : \$708,108.92

DAILY DETAILS : WAIT ON CSGN / LAY DOWN CREW. TOH W/ DRILL STRING & BHA. MU BIT # 3, & BHA. TIH W/ DRILL STRING. KELLY UP BREAK CIRCULATION. WASH & REAM 30' TO BTM. DRLG FROM 8334' TO 8458'. W/ 20K WOB & 45 RPMS. C & C HOLE. RIG UP LAY DOWN MACHINE. LAY DOWN DRILL STRING & BHA.

REPORT DATE: 11/18/06

MD : 8,458

TVD : 8,233

DAYS :

MW : 9.3

VISC : 34

DAILY : DC : \$187,172.00

CC : \$0.00

TC : \$187,172.00

CUM : DC : \$895,280.92

CC : \$0.00

TC : \$895,280.92

DAILY DETAILS : LAY DOWN DRILL STRING & BHA. RIG UP CSGN CREW. RUN & SET 199 JT'S 5.5". 17#, M-80 CSGN @ 8427'/KB. CIRCULATE WELL BORE CLEAN. RIG UP BIG 4 CEMENTING CEMENT W/ 100 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 550 SKS TAIL MIXED @ 13.0 PPG & 1.85 YLD. THEN DISPLACE W/ 195 BBLs 2% KCL. NIPPLE DOWN BOP'S. CLEAN PITS PREPARE TO RIG DOWN. RIG DOWN PREPARE TO MOVE TO HCU 16-30F. TRUCKS ON SUNDAY AM.

REPORT DATE: 11/28/06

MD : 8,458

TVD : 8,233

DAYS :

MW : 9.3

VISC : 34

DAILY : DC : \$0.00

CC : \$14,515.00

TC : \$14,515.00

CUM : DC : \$895,280.92

CC : \$14,515.00

TC : \$909,795.92

DAILY DETAILS : MIRU SCHLUMBER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 8366' KB TO 3000' KB, FOUND CMT TOP @ 3200' KB. POOH W/ WIRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, POOH, SHUT WELL IN. RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

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NOV 29 2006



WELL CHRONOLOGY REPORT

WELL NAME : HCU 8-29F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

COUNTY & STATE : UTAH

UT

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

CONTRACTOR :

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

PLAN DEPTH : 8,200

SPUD DATE : 04/05/06

EVENT DC : \$895,280.92

EVENT CC : \$215,750.00

EVENT TC : \$1,111,030.92

WELL TOTL COST : \$1,111,031

REPORT DATE: 11/29/06

MD : 8,458

TVD : 8,233

DAYS :

MW : 9.3

VISC : 34

DAILY : DC : \$0.00

CC : \$201,235.00

TC : \$201,235.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS: 11-28-2006 HCU 8-29F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 8044-52', 8106-10', 2 spf, 8296-8306', 3 spf, 57 holes, with 78,455# 20/40 PR6000 sand. Pumped frac at an average rate of 38.2 bpm, using 383.8 mscf of N2 and 801 bbls of fluid. Average surface treating pressure was 5051 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

4888 gallons Pad YF120ST/N2 gel.

3524 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

4219 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

4921 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

7633 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

7850 gallons WF110 slick water flush.

Total frac fluid pumped 801 bbls. N2 was cut during flush. Ru wire

line, RIH and set 8K frac plug @ 8020'. RIH and perforate interval #2 @ 7962-90', 2 spf, 57 holes. Fraced interval #2 w/ 65,410# 20/40 Ottawa sand. Pumped frac at an avg rate of 37.8 bpm, using 222.4 mscf of N2 and 586 bbls of fluid. Avg surface treating pressure was 4568 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2790 gallons Pad YF120ST/N2 gel.

2150 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2121 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2118 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2816 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

2676 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7713 gallons WF110 slick water flush.

Total frac fluid pumped 586 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7740', perforate interval # 3 @ 7518-27', 7546-50', 6 spf, 62 holes. Fraced interval #3 w/ 60,307# 20/40 Ottawa sand. Pumped frac at an avg rate of 33.4 bpm, using 203.5 mscf of N2 and 547 bbls of fluid. Avg surface treating pressure was 3949 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2789 gallons Pad YF120ST/N2 gel.

2142 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2120 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2114 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2110 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

2628 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7294 gallons WF110 slick water flush.

Total frac fluid pumped 547 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5720', perforate interval # 4 @ 5482-91', 4 spf, 36 holes (1 8' gun and 1 9' gun, 2 spf each). Fraced interval #4 w/ 35,309# 20/40 Ottawa sand.

Pumped frac at an avg rate of 24.2 bpm, using 152.3 mscf of N2 and 356 bbls of fluid. Avg surface treating pressure was 3245 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2801 gallons Pad YF115ST/N2 gel.

1433 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.

1414 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.

1411 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.

2426 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.

3909 gallons WF110/N2 slick water flush.

Total frac fluid pumped 356 bbls. N2 was cut during flush. Opened well to the pit on an 12/64 choke. Turned well over to production.

RECEIVED
NOV 29 2006

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 12/6/2006 at 5:18:14 PM

Pages : 4 (including Cover)

Subject : HCU 8-29F *T105 R20E S-29 43-042-37499*

CONFIDENTIAL

RECEIVED

DEC 06 2006

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****CONFIDENTIAL****WELL NAME : HCU 8-29F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

PLAN DEPTH : 8,200

SPUD DATE : 04/05/06

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$895,280.92

EVENT CC : \$215,750.00

EVENT TC : \$1,111,030.92

WELL TOTL COST : \$1,111,031

REPORT DATE: 11/28/06

MD : 8,458

TVD : 8,233

DAYS :

MW : 9.3

VISC : 34

DAILY : DC : \$0.00

CC : \$14,515.00

TC : \$14,515.00

CUM : DC : \$895,280.92

CC : \$14,515.00

TC : \$909,795.92

DAILY DETAILS : MIRU SCHLUMBER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500#
PRESSURE FROM W.L. PBTD @ 8366' KB TO 3000' KB, FOUND CMT TOP @ 3200' KB. POOH W/ WIRE LINE,
AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, POOH, SHUT
WELL IN. RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

RECEIVED**DEC 06 2006**

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F

DISTRICT : WESTERN

COUNTY & STATE : UTAH

WI % : 100.00 AFE # : 0504239

DHC : \$863,500

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CWC : \$752,940

EVENT CC : \$215,750.00

FIELD : NATURAL BUTTES 630

UT

API # : 43-047-37427

AFE TOTAL : \$1,616,440

EVENT TC : \$1,111,030.92

Event No: 1

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

CONTRACTOR :

PLAN DEPTH : 8,200

SPUD DATE : 04/05/06

FORMATION : WASATCH/MESAVERDE

WELL TOTL COST : \$1,111,031

REPORT DATE: 11/29/06

MD : 8,458

TVD : 8,233

DAYS :

MW : 9.3

VISC : 34

DAILY : DC : \$0.00

CC : \$201,235.00

TC : \$201,235.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

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2676 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

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2110 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

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1411 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.

2426 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.

3909 gallons WF110/N2 slick water flush.

Total frac fluid pumped 356 bbls. N2 was cut during flush. Opened well to the pit on an 12/64 choke. Turned well over to production.

RECEIVED

DEC 06 2006



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

PLAN DEPTH : 8,200 SPUD DATE : 04/05/06

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$895,280.92

EVENT CC : \$215,750.00

EVENT TC : \$1,111,030.92

WELL TOTL COST : \$1,111,031

REPORT DATE: 11/30/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 12/64 CHOKE FCP 850, RECOVERED 839 BBLS FRAC FLUID
CHANGE TO 18/64 CHOKE & LEFT TO PIT.**REPORT DATE: 12/01/06**

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 18/64 CHOKE FCP 757, RECOVERED 950 BBLS FRAC FLUID RU
FLOWLINE & TURN TO SALES @ 11 AM.**REPORT DATE: 12/02/06**

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 13 HRS. MADE 325 MCF, FCP 1386, SLP 163, 0 OIL, 699 WTR. 18/64 CHOKE
LEFT WELL SAME.**REPORT DATE: 12/03/06**

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 649 MCF, FCP 971, SLP 90, 0 OIL, 60 WTR. 18/64 CHOKE LEFT
WELL SAME.**REPORT DATE: 12/04/06**

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 1146 MCF, FCP 917, SLP 84, 0 OIL, 97 WTR. 18/64 CHOKE.

REPORT DATE: 12/05/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 1336 MCF, FCP 789, SLP 88, 11 OIL, 64 WTR. 18/64 CHOKE
OPEN CHOKE TO 20/64.

RECEIVED

DEC 06 2006

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 12/14/2006 at 2:42:18 PM

Pages : 2 (including Cover)

Subject : HCU 8-29F

T105 R 20E S29 43-047-37427

CONFIDENTIAL

RECEIVED
DEC 14 2006
DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 8-29F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2593' FSL 675' FEL SEC 29 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504239

API # : 43-047-37427

PLAN DEPTH : 8,200

SPUD DATE : 04/05/06

DHC : \$863,500

CWC : \$752,940

AFE TOTAL : \$1,616,440

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$895,280.92

EVENT CC : \$215,750.00

EVENT TC : \$1,111,030.92

WELL TOTL COST : \$1,253,637

REPORT DATE: 12/01/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 18/64 CHOKE FCP 757, RECOVERED 950 BBLs FRAC FLUID RU FLOWLINE & TURN TO SALES @ 11 AM.

REPORT DATE: 12/02/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 13 HRS. MADE 325 MCF, FCP 1386, SLP 163, 0 OIL, 699 WTR. 18/64 CHOKE LEFT WELL SAME.

REPORT DATE: 12/03/06

MD : 8,458

TVD : 8,233

DAYS :

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$895,280.92

CC : \$215,750.00

TC : \$1,111,030.92

DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 649 MCF, FCP 971, SLP 90, 0 OIL, 60 WTR. 18/64 CHOKE LEFT WELL SAME.

REPORT DATE: 12/04/06

MD : 8,458

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DAYS :

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DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 1146 MCF, FCP 917, SLP 84, 0 OIL, 97 WTR. 18/64 CHOKE.

REPORT DATE: 12/05/06

MD : 8,458

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DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS. MADE 1336 MCF, FCP 789, SLP 88, 11 OIL, 64 WTR. 18/64 CHOKE OPEN CHOKE TO 20/64.

RECEIVED
DEC 14 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2593' FSL & 675' FEL, NE SE, Sec. 29-10S-20E

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 8-29F

9. API Well No.

43-047-37427

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	First Sales
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

11/17/06 - Ran 199 jts. 5 1/2", 17#, M-80, LT&C csg set @ 8427'. Cement lead w/100 sks Hi-Fill "V", 11.0 ppg, 3.82 yld, tailed w/550 sks Class "G", 13.0 ppg, 1.85 yld. Clean pits, released rig. 11/28/06 - Frac'd & Perf'd well. 11/30/06 - First Sales.

RECEIVED

DEC 18 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

Barbara Lester

Date 12/15/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

U-28203

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.

Other _____

2. Name of Operator

Dominion Exploration & Production, Inc.

3. Address

14000 Quail Springs Pkwy, STE 600, Oklahoma City, OK 73134

3a. Phone No. (include area code)

405-749-5237

9. API Well No.

43-047-37427

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2593' FSL & 675' FEL, NE SE

At top prod. interval reported below

At total depth 1748' FNL & 759' FEL, SE NE

RECEIVED

MAR 05 2007

DIV. OF OIL, GAS & MINING

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

HCU 8-29F

10. Field and Pool, or Exploratory

Natural Buttes

11. Sec., T., R., M., or Block and
Survey or Area 29-10S-20E

12. County or Parish

Natural Buttes

13. State

UT

14. Date Spudded

4/5/2006

15. Date T.D. Reached

11/16/2006

16. Date Completed

☐ D&A☒ Ready to prod.

11/30/2006

17. Elevations (DF, RKB, RT, GL)*

5136' GL

18. Total Depth: MD

8458'

TVD

8230

19. Plug Back T.D.: MD

8366'

TVD

8139

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Dual Laterolog, Micro Laterolog, Compensated Z-Densilog,
Compensated Neutron, Caliper, Gamma Ray, Cement Bond Log22. Was well cored? ☐ No ☒ Yes (Submit analysis)Was DST run? ☐ No ☒ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" H40	48#	Surface	525'		500 sks		Circ	
12-1/4"	9-5/8" J55	36#	Surface	3570'		600 sks		Circ	
7-7/8"	5-5/2" 17#		Surface	8427'		650 sks		3200'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	8298'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SEE ATTACHMENT						
B)						
C)						
D)						
E)						
F)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/20/2006	1/16/2007	24	→	2	596	3			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48		81	→	2	596	3			Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

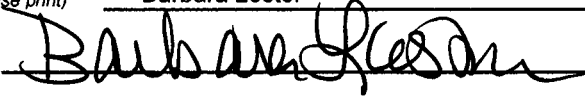
Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	4126'
				Uteland Limestone	4478'
				Wasatch	4624'
				Chapita Wells	5480'
				Uteland Buttes	6613'
				Mesaverde	7550'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Barbara Lester Title Regulatory Specialist
 Signature  Date February 28, 2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HCU 18-29F
PERFORATIONS & FRACS

Interval #1 Mersaverde 8044 - 52
 8106 - 10
 8296 - 8306 57 holes
 Frac w/78,455# 20/40 PR6000 sd., w/383.8 mscf N2 & 801 bbls YF120ST

Interval #2 Mesaverde 7962 - 90 57 holes
 Frac w/65,410# 20/40 Ottawa sd., w/222.4 mscf N2 & 586 bbls YF120ST

Interval #3 Mesaverde 7518 - 27
 7546 - 50 62 holes
 Frac w/60,307# 20/40 Ottawa sd., w/203.5 mscf N2 & 547 bbls YF120ST

Interval #4 Wasatch 5482 - 91 36 holes
 Frac w/35,309# 20/40 Ottawa sd., w/152.3 mscf N2 & 356 bbls YF115ST



**Dominion Exploration & Production
Natural Buttes Field
Uintah County, Utah**

HCU 8-29F

Section 29, T10S, R20E

FINAL WELL REPORT



AS DRILLED

Prepared for:

HCU 8-29F

Dominion Exploration & Production

on

Section 29, T10S, R20E

Uintah County, Utah



Dominion™

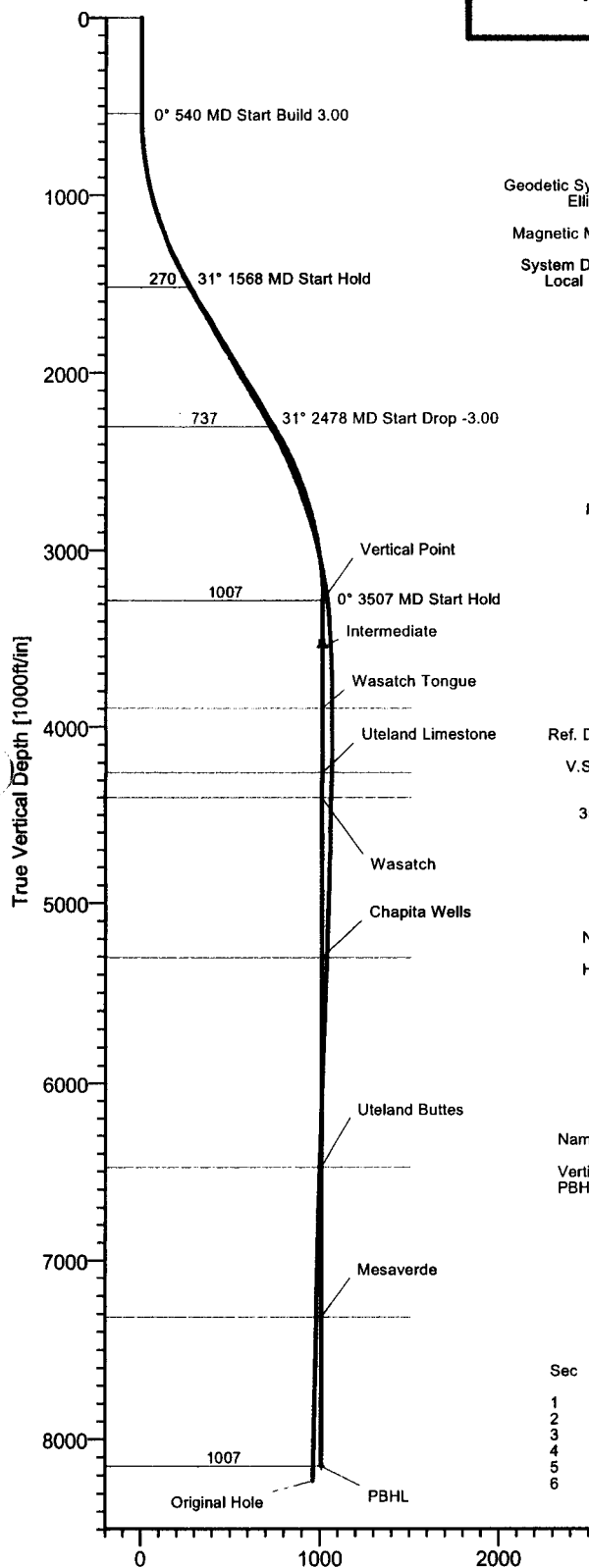
Dominion Exploration & Production

Field: Uintah County, Utah
Site: HCU # 8-29F
Well: HCU 8-29F
Wellpath: Original Hole
Plan: Plan #2



Azimuths to True North
Magnetic North: 11.72°

Magnetic Field
Strength: 52776nT
Dip Angle: 65.89°
Date: 11/2/2006
Model: igrf2005



Vertical Section at 357.41° [1000ft/in]

FIELD DETAILS

Uintah County, Utah
Utah - Natural Buttes
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

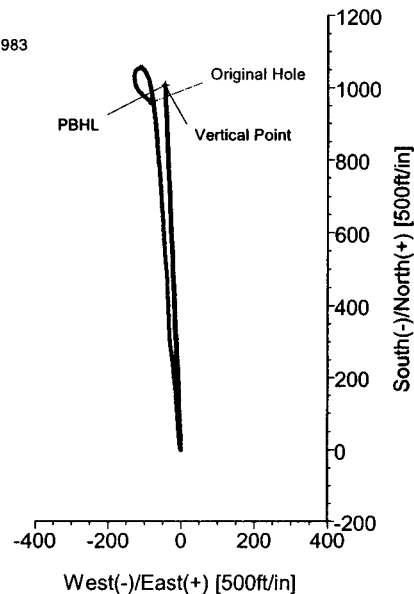
HCU # 8-29F
Sec.29, T10S, R20E

Site Centre Latitude: 39°55'04.980N
Longitude: 109°40'53.860W

Ground Level: 5136.00
Positional Uncertainty: 0.00
Convergence: 1.16

WELLPATH DETAILS

Original Hole			
Rig:	Patterson 12	Est RKB	5155.00ft
Ref. Datum:			
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
357.41°	0.00	0.00	0.00



West(-)/East(+) [500ft/in]

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 8-29F	0.00	0.00	7144071.76	2150383.88	39°55'04.980N	109°40'53.860W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	3280.00	1006.07	-45.45	Point
PBHL	8150.00	1006.07	-45.45	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3895.00	4121.70	Wasatch Tongue
2	4255.00	4481.70	Uteland Limestone
3	4400.00	4626.70	Wasatch
4	5305.00	5531.70	Chapita Wells
5	6475.00	6701.70	Uteland Buttes
6	7315.00	7541.70	Mesaverde

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	357.41	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	357.41	540.00	0.00	0.00	0.00	0.00	0.00	
3	1568.32	30.85	357.41	1519.35	269.94	-12.19	3.00	357.41	270.22	
4	2478.38	30.85	357.41	2300.65	736.13	-33.26	0.00	0.00	736.88	
5	3506.70	0.00	357.41	3280.00	1006.07	-45.45	3.00	180.00	1007.10	Vertical Point
6	8376.70	0.00	357.41	8150.00	1006.07	-45.45	0.00	357.41	1007.10	PBHL

Ryan Energy Technologies
19510 Oil Center Blvd
Houston, TX 77073
Ph: 281-443-1414
Fx: 281-443-1676



Ryan The leader in UNDERGROUND INTELLIGENCE™

Plan: Plan #2 (HCU 8-29F/Original Hole)
Created By: Alexis Gonzalez Date: 11/17/2006
Checked: Date:
Reviewed: Date:
Approved: Date:



DIRECTIONAL DRILLING COMPOSITE SURVEY REPORT

Prepared for:

HCU 8-29F

Dominion Exploration & Production

on

Section 29, T10S, R20E

Uintah County, Utah

Report Prepared on November, 2006

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN THIS REPORT FROM 553' FT. TO 8458' FT. BY OUR DIRECTIONAL SUPERVISOR, REPRESENTS TO THE BEST OF OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY OF THE WELL AT THE TIME THE SURVEY WAS TAKEN.

CERTIFIED BY: 

11-20-06
DATE



SURVEY REPORT - STANDARD

Prepared for:

HCU 8-29F

Dominion Exploration & Production

on

Section 29, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies Survey Report



Company: Dominion Exploration & Product	Date: 11/17/2006	Time: 08:31:56	Page: 1
Field: Uintah County, Utah	Co-ordinate(NE) Reference:	Well: HCU 8-29F, True North	
Site: HCU # 8-29F	Vertical (TVD) Reference:	Est RKB 5155.0	
Well: HCU 8-29F	Section (VS) Reference:	Well (0.00N,0.00E,357.41Azi)	
Wellpath: Original Hole	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: Uintah County, Utah
Utah - Natural Buttes
USA

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: HCU # 8-29F

Sec.29, T10S, R20E

Site Position:	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N
From: Geographic	Easting: 2150383.88 ft	Longitude: 109 40 53.860 W
Position Uncertainty: 0.00 ft	North Reference: True	Grid Convergence: 1.16 deg
Ground Level: 5136.00 ft		

Well: HCU 8-29F

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N
+E/-W 0.00 ft	Easting: 2150383.88 ft	Longitude: 109 40 53.860 W
Position Uncertainty: 0.00 ft		

Wellpath: Original Hole

Current Datum: Est RKB	Height 5155.00 ft	Drilled From: Surface
Magnetic Data: 11/2/2006		Tie-on Depth: 0.00 ft
Field Strength: 52776 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S ft	Declination: 11.72 deg
		Mag Dip Angle: 65.89 deg
		+E/-W ft Direction deg
0.00	0.00	0.00 357.41

Survey Program for Definitive Wellpath

Date: 11/17/2006	Validated: No	Version: 4
Actual From To	Survey	Toolcode Tool Name
ft ft		
553.00 3546.00	Ryan MWD (553.00-3546.00)	MWD MWD
4040.00 8286.00	Survey #2 (4040.00-8286.00)	SS Single-Shot
8458.00 8458.00	Survey #3 (8458.00-8458.00)	Projection Projection

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
553.00	0.00	0.00	553.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
614.00	1.20	334.70	614.00	0.58	-0.27	0.59	1.97	1.97	0.00	MWD
644.00	2.00	337.80	643.98	1.35	-0.61	1.37	2.68	2.67	10.33	MWD
735.00	6.10	350.20	734.74	7.58	-2.03	7.67	4.58	4.51	13.63	MWD
828.00	9.40	352.50	826.88	19.99	-3.86	20.14	3.56	3.55	2.47	MWD
923.00	11.80	352.30	920.25	37.31	-6.18	37.55	2.53	2.53	-0.21	MWD
1013.00	14.00	354.90	1007.97	57.27	-8.38	57.59	2.53	2.44	2.89	MWD
1104.00	17.40	357.00	1095.57	81.83	-10.07	82.20	3.79	3.74	2.31	MWD
1199.00	21.20	354.40	1185.21	113.12	-12.49	113.57	4.10	4.00	-2.74	MWD
1294.00	21.40	356.60	1273.72	147.52	-15.19	148.05	0.87	0.21	2.32	MWD
1389.00	24.60	353.70	1361.16	184.49	-18.39	185.13	3.57	3.37	-3.05	MWD
1485.00	26.60	354.50	1447.73	225.74	-22.64	226.54	2.11	2.08	0.83	MWD
1580.00	29.40	351.90	1531.61	270.01	-27.97	271.00	3.21	2.95	-2.74	MWD
1675.00	30.90	357.00	1613.77	317.47	-32.53	318.61	3.12	1.58	5.37	MWD
1770.00	29.10	357.80	1696.04	364.91	-34.70	366.11	1.94	-1.89	0.84	MWD
1866.00	29.70	357.60	1779.67	412.00	-36.59	413.23	0.63	0.62	-0.21	MWD
1961.00	29.40	356.60	1862.32	458.79	-38.96	460.08	0.61	-0.32	-1.05	MWD
2056.00	30.20	354.80	1944.76	505.87	-42.51	507.27	1.26	0.84	-1.89	MWD
2151.00	31.10	355.10	2026.48	554.11	-46.77	555.65	0.96	0.95	0.32	MWD
2247.00	29.40	357.50	2109.41	602.36	-49.91	604.00	2.17	-1.77	2.50	MWD
2342.00	31.00	355.80	2191.52	650.06	-52.72	651.77	1.91	1.68	-1.79	MWD



Ryan Energy Technologied

Survey Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 8-29F
Well: HCU 8-29F
Wellpath: Original Hole

Date: 11/17/2006 Time: 08:31:56 Page: 2
Co-ordinate(NE) Reference: Well: HCU 8-29F, True North
Vertical (TVD) Reference: Est RKB 5155.0
Section (VS) Reference: Well (0.00N,0.00E,357.41Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2437.00	30.40	356.00	2273.20	698.43	-56.19	700.26	0.64	-0.63	0.21	MWD
2532.00	28.20	355.50	2356.04	744.79	-59.63	746.73	2.33	-2.32	-0.53	MWD
2628.00	24.60	355.50	2442.02	787.34	-62.98	789.38	3.75	-3.75	0.00	MWD
2723.00	22.90	355.70	2528.97	825.49	-65.91	827.62	1.79	-1.79	0.21	MWD
2817.00	21.10	356.40	2616.12	860.61	-68.35	862.82	1.94	-1.91	0.74	MWD
2912.00	19.90	354.10	2705.11	893.76	-71.08	896.06	1.52	-1.26	-2.42	MWD
3007.00	17.40	353.30	2795.11	923.96	-74.40	926.38	2.65	-2.63	-0.84	MWD
3103.00	15.90	353.00	2887.08	951.27	-77.68	953.80	1.57	-1.56	-0.31	MWD
3195.00	13.30	351.70	2976.10	974.25	-80.75	976.90	2.85	-2.83	-1.41	MWD
3292.00	11.80	349.30	3070.78	995.04	-84.20	997.83	1.64	-1.55	-2.47	MWD
3387.00	10.60	346.20	3163.97	1013.07	-88.09	1016.01	1.41	-1.26	-3.26	MWD
3483.00	7.80	339.20	3258.73	1027.74	-92.51	1030.87	3.14	-2.92	-7.29	MWD
3546.00	5.50	331.90	3321.31	1034.40	-95.45	1037.65	3.88	-3.65	-11.59	MWD
4040.00	1.50	282.00	3814.36	1056.64	-112.93	1060.66	0.95	-0.81	-10.10	SS
5017.00	1.75	192.00	4791.09	1044.70	-128.54	1049.44	0.24	0.03	-9.21	SS
6004.00	2.00	172.00	5777.58	1012.91	-129.28	1017.71	0.07	0.03	-2.03	SS
6923.00	2.00	132.00	6696.06	986.30	-115.13	990.49	0.15	0.00	-4.35	SS
8286.00	1.25	132.00	8058.50	960.43	-86.41	963.35	0.06	-0.06	0.00	SS
8458.00	1.25	132.00	8230.46	957.92	-83.62	960.72	0.00	0.00	0.00	PROJECTED to TD



SURVEY REPORT - GEOGRAPHIC

Prepared for:

HCU 8-29F

Dominion Exploration & Production

on

Section 29, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies

Survey Report - Geographic



Company: Dominion Exploration & Product	Date: 11/17/2006	Time: 08:34:04	Page: 1
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: HCU 8-29F, True North		
Site: HCU # 8-29F	Vertical (TVD) Reference: Est RKB 5155.0		
Well: HCU 8-29F	Section (VS) Reference: Well (0.00N,0.00E,357.41Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Uintah County, Utah Utah - Natural Buttes USA	Map Zone: Utah, Central Zone
Map System: US State Plane Coordinate System 1983	Coordinate System: Well Centre
Geo Datum: GRS 1980	Geomagnetic Model: igrf2005
Sys Datum: Mean Sea Level	

Site: HCU # 8-29F					
Sec.29, T10S, R20E					
Site Position:	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N			
From: Geographic	Easting: 2150383.88 ft	Longitude: 109 40 53.860 W			
Position Uncertainty: 0.00 ft		North Reference: True			
Ground Level: 5136.00 ft		Grid Convergence: 1.16 deg			

Well: HCU 8-29F	Slot Name:				
Well Position: +N/-S 0.00 ft	Northing: 7144071.76 ft	Latitude: 39 55 4.980 N			
+E/-W 0.00 ft	Easting: 2150383.88 ft	Longitude: 109 40 53.860 W			
Position Uncertainty: 0.00 ft					

Wellpath: Original Hole	Drilled From: Surface				
Current Datum: Est RKB	Tie-on Depth: 0.00 ft				
Magnetic Data: 11/2/2006	Above System Datum: Mean Sea Level				
Field Strength: 52776 nT	Declination: 11.72 deg				
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.89 deg				
ft	+N/-S ft	+E/-W ft	Direction deg		
0.00	0.00	0.00	357.41		

Survey Program for Definitive Wellpath	Version: 4				
Date: 11/17/2006	Validated: No	Toolcode	Tool Name		
Actual From To	Survey				
ft ft					
553.00 3546.00	Ryan MWD (553.00-3546.00)	MWD	MWD		
4040.00 8286.00	Survey #2 (4040.00-8286.00)	SS	Single-Shot		
8458.00 8458.00	Survey #3 (8458.00-8458.00)	Projection	Projection		

Survey													
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
553.00	0.00	0.00	553.00	0.00	0.00	7144071.76	2150383.88	39	55	4.980 N	109	40	53.860 W
614.00	1.20	334.70	614.00	0.58	-0.27	7144072.33	2150383.60	39	55	4.986 N	109	40	53.864 W
644.00	2.00	337.80	643.98	1.35	-0.61	7144073.09	2150383.25	39	55	4.993 N	109	40	53.868 W
735.00	6.10	350.20	734.74	7.58	-2.03	7144079.30	2150381.70	39	55	5.055 N	109	40	53.886 W
828.00	9.40	352.50	826.88	19.99	-3.86	7144091.66	2150379.62	39	55	5.177 N	109	40	53.910 W
923.00	11.80	352.30	920.25	37.31	-6.18	7144108.93	2150376.95	39	55	5.349 N	109	40	53.939 W
1013.00	14.00	354.90	1007.97	57.27	-8.38	7144128.85	2150374.34	39	55	5.546 N	109	40	53.968 W
1104.00	17.40	357.00	1095.57	81.83	-10.07	7144153.37	2150372.15	39	55	5.789 N	109	40	53.989 W
1199.00	21.20	354.40	1185.21	113.12	-12.49	7144184.60	2150369.10	39	55	6.098 N	109	40	54.020 W
1294.00	21.40	356.60	1273.72	147.52	-15.19	7144218.94	2150365.70	39	55	6.438 N	109	40	54.055 W
1389.00	24.60	353.70	1361.16	184.49	-18.39	7144255.83	2150361.75	39	55	6.803 N	109	40	54.096 W
1485.00	26.60	354.50	1447.73	225.74	-22.64	7144297.00	2150356.66	39	55	7.211 N	109	40	54.151 W
1580.00	29.40	351.90	1531.61	270.01	-27.97	7144341.14	2150350.43	39	55	7.649 N	109	40	54.219 W
1675.00	30.90	357.00	1613.77	317.47	-32.53	7144388.50	2150344.90	39	55	8.118 N	109	40	54.278 W
1770.00	29.10	357.80	1696.04	364.91	-34.70	7144435.89	2150341.78	39	55	8.587 N	109	40	54.305 W
1866.00	29.70	357.60	1779.67	412.00	-36.59	7144482.93	2150338.93	39	55	9.052 N	109	40	54.330 W
1961.00	29.40	356.60	1862.32	458.79	-38.96	7144529.66	2150335.61	39	55	9.514 N	109	40	54.360 W
2056.00	30.20	354.80	1944.76	505.87	-42.51	7144576.66	2150331.10	39	55	9.980 N	109	40	54.406 W
2151.00	31.10	355.10	2026.48	554.11	-46.77	7144624.80	2150325.86	39	55	10.456 N	109	40	54.460 W
2247.00	29.40	357.50	2109.41	602.36	-49.91	7144672.98	2150321.74	39	55	10.933 N	109	40	54.501 W



Ryan Energy Technologied

Survey Report - Geographic



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 8-29F
Well: HCU 8-29F
Wellpath: Original Hole

Date: 11/17/2006 Time: 08:34:04 Page: 2
Co-ordinate(NE) Reference: Well: HCU 8-29F, True North
Vertical (TVD) Reference: Est RKB 5155.0
Section (VS) Reference: Well (0.00N,0.00E,357.41Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
2342.00	31.00	355.80	2191.52	650.06	-52.72	7144720.61	2150317.96	39	55	11.405 N	109	40	54.537 W
2437.00	30.40	356.00	2273.20	698.43	-56.19	7144768.91	2150313.51	39	55	11.883 N	109	40	54.581 W
2532.00	28.20	355.50	2356.04	744.79	-59.63	7144815.19	2150309.13	39	55	12.341 N	109	40	54.625 W
2628.00	24.60	355.50	2442.02	787.34	-62.98	7144857.66	2150304.91	39	55	12.762 N	109	40	54.668 W
2723.00	22.90	355.70	2528.97	825.49	-65.91	7144895.73	2150301.20	39	55	13.139 N	109	40	54.706 W
2817.00	21.10	356.40	2616.12	860.61	-68.35	7144930.80	2150298.05	39	55	13.486 N	109	40	54.737 W
2912.00	19.90	354.10	2705.11	893.76	-71.08	7144963.89	2150294.65	39	55	13.813 N	109	40	54.772 W
3007.00	17.40	353.30	2795.11	923.96	-74.40	7144994.01	2150290.71	39	55	14.112 N	109	40	54.815 W
3103.00	15.90	353.00	2887.08	951.27	-77.68	7145021.25	2150286.88	39	55	14.382 N	109	40	54.857 W
3195.00	13.30	351.70	2976.10	974.25	-80.75	7145044.17	2150283.35	39	55	14.609 N	109	40	54.896 W
3292.00	11.80	349.30	3070.78	995.04	-84.20	7145064.88	2150279.48	39	55	14.814 N	109	40	54.941 W
3387.00	10.60	346.20	3163.97	1013.07	-88.09	7145082.83	2150275.22	39	55	14.993 N	109	40	54.991 W
3483.00	7.80	339.20	3258.73	1027.74	-92.51	7145097.40	2150270.50	39	55	15.138 N	109	40	55.047 W
3546.00	5.50	331.90	3321.31	1034.40	-95.45	7145104.00	2150267.43	39	55	15.203 N	109	40	55.085 W
4040.00	1.50	282.00	3814.36	1056.64	-112.93	7145125.88	2150249.50	39	55	15.423 N	109	40	55.310 W
5017.00	1.75	192.00	4791.09	1044.70	-128.54	7145113.63	2150234.13	39	55	15.305 N	109	40	55.510 W
6004.00	2.00	172.00	5777.58	1012.91	-129.28	7145081.83	2150234.04	39	55	14.991 N	109	40	55.519 W
6923.00	2.00	132.00	6696.06	986.30	-115.13	7145055.51	2150248.73	39	55	14.728 N	109	40	55.338 W
8286.00	1.25	132.00	8058.50	960.43	-86.41	7145030.24	2150277.97	39	55	14.472 N	109	40	54.969 W
8458.00	1.25	132.00	8230.46	957.92	-83.62	7145027.78	2150280.81	39	55	14.448 N	109	40	54.933 W

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

FROM: (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Phone: 1 (405) 749-1300	TO: (New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102 Phone: 1 (817) 870-2800
--	--

CA No.				Unit:		HILL CREEK		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: _____ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: SEE ATTACHED
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

N1095

James D. Abercrombie
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit
(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED *9127107*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SENW	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SENW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SENW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENW	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENW	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-28203
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 8-29F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2593 FSL 0675 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 29 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047374270000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2009 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed an acid treatment on this well per the attached Executive Summary Report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 01, 2009		
NAME (PLEASE PRINT) Barbara Nicol		PHONE NUMBER 505 333-3642
SIGNATURE N/A		TITLE Regulatory Clerk
DATE 10/1/2009		

EXECUTIVE SUMMARY REPORT

8/19/2009 - 10/1/2009
Report run on 10/1/2009 at 12:28 PM

Hill Creek Unit 08-29F

Section 29-10S-20E, Uintah, Utah, Roosevelt

9/1/2009 ===== Hill Creek Unit 08-29F =====
MIRU Frac Tech Services. RU & Pt tbg to 3000 psig. Pump 33 bbls 2% KCL, 250
gals 15% HCL w/additives & 33 bbls 2% KCL flush. RD from tbg. RU & PT csg
to 3000 psig. Pump 500 gals 15% HCL w/additives & 36 bbls 2% KCL flush.
SWI. RDMO Frac Tech Services.

9/14/2009 ===== Hill Creek Unit 08-29F =====
MIRU C&S Swabbing SWU. Bd tbg. RU & RIH w/swb tbs. SN @ 8,296'. BFL @
7,300' FS. S 0 BO, 16 BW. 7 runs, 8 hrs. KO well flwg. FFL @ SN, SITP 435
psig, SICP 530 psig. RWTP @ 1:30 pm, 9/14/09. RDMO C&S Swabbing SWU.

===== Hill Creek Unit 08-29F =====

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2009	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: AMENDED REPORT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>XTO Energy Inc, would like to amend the summary rpt submitted on 10/01/2009. The time frame of the work performed was not complete. Following is the complete summary of this acid job with the well being returned to production. 8/27/09 MIRU SLU. SN @ 8296'. RU & RIH w/fish tils. Latch plngrs @ SN, POOH & LD plngrs. RIH latch spring but could not pull POOH & LD fish tils. SWI. RDMO SLU. Suspend rpt pending further activity. 9/1/09 MIRU Frac Tech. RU & PT tbg t/3000 psig. Pmp 33 bbls 2% KCL, 250 gals 15% HCL w/adds & 33 bbls 2% KCL flush. RD fr/tbg. RU & PT csg t/3000 psig. Pmp 500 gals 15% HCL w/adds & 36 bbls 2% KCL flush. SWI. RDMO Frac Tech. Suspend rpt, WO Swabbing unit. 9/14/09 MIRU SWU. Bd tbg. RU & RIH w/swb tils. SN @ 8296'. BFL @ 7300' FS. S 0 BO, 16 BW. 7 runs, 8 hrs. KO well flwg. FFL @ SN, RWTP @ 1:30 pm, 9/14/09. RDMO SWU. Final Rpt.</p>		
NAME (PLEASE PRINT) Dolena Johnson	PHONE NUMBER 505 333-3164	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 11/17/2009	